Complete range of Electronic Weighing Scales from India’s Largest Manufacturer of Magnet based Electronic Balances
## Catalogue Contents

<table>
<thead>
<tr>
<th>Company Profile</th>
<th>Crane Scales with Wireless Transmission &amp; Heat Insulating Shield</th>
</tr>
</thead>
<tbody>
<tr>
<td>Page No. 3, 4</td>
<td>Page No. 16</td>
</tr>
</tbody>
</table>

### Laboratory Balances

<table>
<thead>
<tr>
<th>Semi Micro Balances</th>
<th>Analytical Balances</th>
<th>High Precision Balances</th>
<th>Precision Balances</th>
<th>Industrial Precision Balances</th>
<th>Density Balances</th>
<th>Flameproof Balances</th>
<th>Moisture Balances</th>
</tr>
</thead>
<tbody>
<tr>
<td>Page No. 5</td>
<td>Page No. 5</td>
<td>Page No. 6</td>
<td>Page No. 6</td>
<td>Page No. 6</td>
<td>Page No. 7</td>
<td>Page No. 7</td>
<td>Page No. 8</td>
</tr>
</tbody>
</table>

### Gem & Jewellery Scales

<table>
<thead>
<tr>
<th>Carat Scales</th>
<th>Gold Scales</th>
<th>Silver Scales</th>
</tr>
</thead>
<tbody>
<tr>
<td>Page No. 9</td>
<td>Page No. 9</td>
<td>Page No. 9</td>
</tr>
</tbody>
</table>

### Super Market Scales

<table>
<thead>
<tr>
<th>Retail Scales</th>
<th>Price Computing Scales</th>
<th>Hanging Scales</th>
</tr>
</thead>
<tbody>
<tr>
<td>Page No. 10</td>
<td>Page No. 10</td>
<td>Page No. 10</td>
</tr>
</tbody>
</table>

### Health Scales

<table>
<thead>
<tr>
<th>Adult Scales</th>
<th>Kitchen Scales</th>
<th>Baby Weighing Scales</th>
</tr>
</thead>
<tbody>
<tr>
<td>Page No. 11</td>
<td>Page No. 11</td>
<td>Page No. 11</td>
</tr>
</tbody>
</table>

### Industrial Scales

<table>
<thead>
<tr>
<th>Tabletop Scales</th>
<th>Piece Counting Scales</th>
<th>Waterproof Scales</th>
<th>Pallet Scales</th>
<th>Platform Scales</th>
<th>Floor Scales</th>
<th>Stainless Steel Low Profile Scales</th>
</tr>
</thead>
</table>

### Crane Scales

<table>
<thead>
<tr>
<th>Standard Crane Scales</th>
<th>Crane Scales with Wireless Transmission</th>
<th>Crane Scales with Heat Insulating Shield</th>
</tr>
</thead>
<tbody>
<tr>
<td>Page No. 15</td>
<td>Page No. 16</td>
<td>Page No. 16</td>
</tr>
</tbody>
</table>

### Weighing Indicators

<table>
<thead>
<tr>
<th>Universal Indicators</th>
<th>Batch Weighing Indicators</th>
<th>Flameproof Indicators</th>
<th>Stainless Steel Indicators</th>
</tr>
</thead>
<tbody>
<tr>
<td>Page No. 17</td>
<td>Page No. 17</td>
<td>Page No. 17</td>
<td>Page No. 17</td>
</tr>
</tbody>
</table>

### Scales for Special Applications

<table>
<thead>
<tr>
<th>Milk Bowl Weighing Systems</th>
<th>Ramp &amp; Rollers for Platform Scales</th>
<th>Static Check Weighing Systems</th>
<th>Customized Weighing Systems</th>
</tr>
</thead>
<tbody>
<tr>
<td>Page No. 19</td>
<td>Page No. 19</td>
<td>Page No. 19</td>
<td>Page No. 19</td>
</tr>
</tbody>
</table>

### Balance Accessories

<table>
<thead>
<tr>
<th>Auxiliary Display attached to the balance on the pole</th>
<th>Large Panel Display</th>
<th>Switch Mode Power Supply (SMPS)</th>
<th>Battery Backup</th>
<th>Breeze Shield</th>
<th>Mini Printer</th>
<th>Motorized Calibration</th>
<th>Frameproof Junction Box</th>
</tr>
</thead>
<tbody>
<tr>
<td>Page No. 20</td>
<td>Page No. 20</td>
<td>Page No. 20</td>
<td>Page No. 20</td>
<td>Page No. 20</td>
<td>Page No. 20</td>
<td>Page No. 20</td>
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</tbody>
</table>

### Electro Chemical Instruments

<table>
<thead>
<tr>
<th>pH Meters</th>
<th>Conductivity Meters</th>
</tr>
</thead>
<tbody>
<tr>
<td>Page No. 21</td>
<td>Page No. 21</td>
</tr>
</tbody>
</table>

### Optical Instruments

<table>
<thead>
<tr>
<th>Polarimeters</th>
<th>Refractometers</th>
<th>Melting Point Apparatus</th>
<th>X-Ray Gold Purity Testers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Page No. 22</td>
<td>Page No. 22</td>
<td>Page No. 22</td>
<td>Page No. 23</td>
</tr>
</tbody>
</table>

India’s Largest Electro Magnetic Force Compensation (EMFC) Balance Assembly line since 1992

Contech Instruments Ltd, an ISO 9001 2008 Company established in the year 1992 has an installation base of more than 3 lac customers all over the world. Contech is the only Indian manufacturer who has developed and manufactured in true sense the complete range of Electronic Balances from 0.01mg Analytical Balances to 100 ton Electronic Weighbridges in its own setup illustrating the technical competence of the Company.

Advanced EMFC transducer for unmatched accuracy & reliability

High Precision Balances incorporate advanced Electro Magnetic Force Compensation technology for offering unmatched accuracy and reliability coupled with unique ADC circuit with inbuilt temperature compensation to offer a very high stability upto a resolution of 2 million counts. All adjustment parameters are programmable to take care of any minor mismatch of different sub assemblies & Balances are configured with these parameters.

Total Inhouse Manufacturing to Achieve OIML Quality Standards

Contech has established a state of the art factory in the outskirts of Mumbai covering an area of 18000 sq.ft with most modern equipments and machineries for manufacturing and testing of High Precision Electronic Balances, weighing scales & various laboratory instruments.
100% Strict Quality Control, Vigorous Testing at Every Stage

Quality has been the backbone of success of Contech over the years. All Balances are tested for quality and accuracy as per the guidelines laid down by International Organization of Legal Metrology (OIML). All Models have been approved by the Department of Weights & Measures, Ministry of Civil Supplies, Govt. of India.

Simulation and Calibration Correction at Extreme Environment Conditions

All Balances are tested for at least one week and weight readings are taken at regular intervals at different ambient temperature, corrected for any deviation in the calibration by hardware and software adjustments so as to make the balance display readings within the permissible error limits depending on the accuracy class against standard weights throughout the duration of working within the specified limits of ambient temperature. Contech provides the test certificates, Quality Certificates for design (DQ), Installation (IQ), Operation (OQ) & Performance (PQ) as required by various certifying authorities governing the industry segments.

Marketing and Service Network

Company has got its marketing offices and service centers in most of the major cities in India to cover the entire spectrum of Industrial and Retail Segments and to support more than 250 dealers in 100 plus cities and 3 lac customers spread across the country. Customized and dedicated Enterprise Resource Planning (ERP) software package for the entire operation of Contech with exclusive CRM Module for customer support helps in tracking the product and customer history and coupled with efficient customer support team has enabled Contech to offer the services to be one of the best in the field.
LABORATORY BALANCES
SEMI MICRO BALANCES
0.00001g to 230g

Models | CA-224D | CA-234 |
---|---|---|
Capacity | 30/220g | 230g |
Readability | 0.00001g/0.0001g | 0.0001g |
Repeatability (+/-) | 0.03/0.2 mg | 0.2 mg |
Linearity (+/-) | 0.04/0.4 mg | 0.4 mg |
Pan Size | 80mm | 80mm |

The balance is supplied with Breeze shield as standard.

Features of Semi Micro, Analytical, High Precision, Precision & Industrial Precision Balances
- Multiple weighing units.
- Standard bi-directional RS-232 interface.
- Polyfunction: % weighing, counting, fill mode, GSM etc.
- Backlite LCD display.
- Motorized internal calibration (Optional).
- ISO GLP compliance (Optional).
- Real time clock (RTC) (Optional).
- Density determination kit (Optional).
- Weigh below hook for density determination (Optional).
- Yarn count with temperature compensation (Optional).
- Denier measurement for silk & synthetic yarn (Optional).
- Cocoon assessment with statistical analysis for cocoons (Optional).
- Software for SQC (Statistical Quality Control) for Pharmaceutical Industries (Optional).

ANALYTICAL BALANCES
0.0001g to 220g

Models | CA - 34 | CA-64 | CA-124 | CA - 224 |
---|---|---|---|---|
Capacity | 30g | 60g | 120g | 220g |
Readability | 0.0001g | 0.0001g | 0.0001g | 0.0001g |
Repeatability (+/-) | 0.1 mg | 0.1 mg | 0.2 mg | 0.2 mg |
Linearity (+/-) | 0.2 mg | 0.2 mg | 0.3 mg | 0.3 mg |
Pan Size | 60 mm | 80 mm | 80 mm | 80 mm |

The balance is supplied with Breeze shield as standard.
HIGH PRECISION BALANCES
0.001g to 500g

<table>
<thead>
<tr>
<th>Models</th>
<th>CA-123</th>
<th>CA-223</th>
<th>CA-323</th>
<th>CA-413</th>
<th>CA-503</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity</td>
<td>120g</td>
<td>220g</td>
<td>320g</td>
<td>410g</td>
<td>500g</td>
</tr>
<tr>
<td>Readability</td>
<td>0.001g</td>
<td>0.001g</td>
<td>0.001g</td>
<td>0.001g</td>
<td>0.001g</td>
</tr>
<tr>
<td>Repeatability (+/-)</td>
<td>0.001 g</td>
<td>0.001 g</td>
<td>0.001 g</td>
<td>0.001 g</td>
<td>0.002 g</td>
</tr>
<tr>
<td>Linearity (+/-)</td>
<td>0.001 g</td>
<td>0.001 g</td>
<td>0.002 g</td>
<td>0.002 g</td>
<td>0.002 g</td>
</tr>
<tr>
<td>Pan Size (mm)</td>
<td>100</td>
<td>100</td>
<td>100</td>
<td>100</td>
<td>100</td>
</tr>
</tbody>
</table>

The balance is supplied with Breeze shield as standard.

PRECISION BALANCES
0.01g to 5kg

Upto 1000g

<table>
<thead>
<tr>
<th>Models</th>
<th>CB-600</th>
<th>CB-1000</th>
<th>CA-1502</th>
<th>CA-2202</th>
<th>CA-3102</th>
<th>CA-4102</th>
<th>CA-5002</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity</td>
<td>600g</td>
<td>1000g</td>
<td>1500g</td>
<td>2200g</td>
<td>3100g</td>
<td>4100g</td>
<td>5000g</td>
</tr>
<tr>
<td>Readability</td>
<td>0.01g</td>
<td>0.01g</td>
<td>0.01g</td>
<td>0.01g</td>
<td>0.01g</td>
<td>0.01g</td>
<td>0.01g</td>
</tr>
<tr>
<td>Repeatability (+/-)</td>
<td>0.01g</td>
<td>0.01g</td>
<td>0.01g</td>
<td>0.01g</td>
<td>0.02g</td>
<td>0.02g</td>
<td>0.02g</td>
</tr>
<tr>
<td>Linearity (+/-)</td>
<td>0.01g</td>
<td>0.02g</td>
<td>0.02g</td>
<td>0.02g</td>
<td>0.02g</td>
<td>0.02g</td>
<td>0.02g</td>
</tr>
<tr>
<td>Pan Size (mm)</td>
<td>125</td>
<td>125</td>
<td>150</td>
<td>150</td>
<td>150</td>
<td>150</td>
<td>150</td>
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</table>

Above 1000g

INDUSTRIAL PRECISION BALANCES
0.1g to 10kg

<table>
<thead>
<tr>
<th>Models</th>
<th>CB-6001</th>
<th>CB-10001</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity</td>
<td>6000g</td>
<td>10000g</td>
</tr>
<tr>
<td>Readability</td>
<td>0.1g</td>
<td>0.1g</td>
</tr>
<tr>
<td>Repeatability (+/-)</td>
<td>0.1 g</td>
<td>0.2 g</td>
</tr>
<tr>
<td>Linearity (+/-)</td>
<td>0.2 g</td>
<td>0.3 g</td>
</tr>
<tr>
<td>Pan Size (mm)</td>
<td>180x220</td>
<td>180x220</td>
</tr>
</tbody>
</table>

Common specifications for all Laboratory Balances
Taring Range: Up to full capacity
Response time: 3 seconds
Power Req: 90-250V, 50/60Hz, 10 Watt
Operating Temperature: 10 to 45 deg C
DENSITY BALANCES
0.1 mg - 10 kg

Range:
- 0.1 mg - 230g
- 1mg - 500g
- 0.01g - 5kg
- 0.1g - 10kg

Density Determination Kit is available in 2 types one to be mounted on the pan and the other type is with attachment for weighing below the balance. Density Determination Kit consists density weighing pan assembly, stainless steel base for beaker, glass beaker, optional sinker for testing materials having density less than water and software (program) for density determination.

- Facility for programming density of liquid (other than water) and temperature of water.
- Incase of multiple samples, storage of all the sample weights in air first and then in water, viewing of density of individual samples one by one on the display.
- Determination of density of liquid samples (Optional).
- Determination of air release value for oil samples (Optional).

FLAMEPROOF BALANCES
0.1 mg - 6 kg

Range:
- 0.1 mg - 230g
- 1mg - 500g
- 0.01g - 5kg
- 0.1g - 6kg

Flameproof cum weather proof enclosure with glass window, push button, rotary switch in cast aluminium construction in compliance with requirements in respect of flameproofness and temperature class suitable for use in Zone 1 & Zone 2 and gas groups IIA & IIB atmospheres. Certified by Central Institute of Mining & Fuel Research, Govt. of India.
# MOISTURE BALANCES

0.001g to 220g

<table>
<thead>
<tr>
<th>Models</th>
<th>CB 50 (M)</th>
<th>CA-123 (M)</th>
<th>CA-223 (M)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity</td>
<td>50g</td>
<td>120g</td>
<td>220g</td>
</tr>
<tr>
<td>Readability</td>
<td>0.001g</td>
<td>0.001g</td>
<td>0.001g</td>
</tr>
<tr>
<td>Pan Size</td>
<td>100 mm</td>
<td>100 mm</td>
<td>100 mm</td>
</tr>
</tbody>
</table>

- Easy & Fast Moisture Determination.
- Weighing based on EMFC technique.
- Heating by infrared halogen tube heater.
- Temperature range upto 200°C (°C).
- Moisture range: 0.05% to 100%.
- Moisture measurement: Unit - % wet base
  % dry base
  dry weight
  % dry to wet weight
- Display of time, temperature, weight & percentage moisture.
- Graphical Backlite LCD for displaying weight, setup parameters, testing parameters & results.
- RS-232 interface for connecting to a computer/printer.
- Data storage upto 50 tests.
- 10 programmable memory.
- Study of pattern of moisture loss by printing/display on computer screen of online data-elapsed time, present sample weight and percentage moisture loss. Elapsed time Interval can be programmed - 10, 20, 30, 60 & 120 seconds.

Contech Moisture Analyzer incorporates rapid Halogen heating with EMFC precision weighing technology to determine moisture content of samples quickly & effectively.

**Moisture Content:**
- **Accuracy:** 0.05% for sample above 5g
  0.1% for sample below 5g
- **Resolution:** 0.1%

**Specifications**
- Taring Range: Up to full capacity
- Response time: 4 to 6 secs
- Power Req: 90-250V, 50/60Hz, 550 Watt
- Operating Temperature: 10 to 45 deg C
# Gem and Jewellery Scales

## Carat Scales
0.001g to 50g

<table>
<thead>
<tr>
<th>Models</th>
<th>CT-20</th>
<th>CT-50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity</td>
<td>20g</td>
<td>50g</td>
</tr>
<tr>
<td>Readability</td>
<td>0.001g</td>
<td>0.001g</td>
</tr>
<tr>
<td>Repeatability (+/-)</td>
<td>0.001g</td>
<td>0.001g</td>
</tr>
<tr>
<td>Linearity (+/-)</td>
<td>0.001g</td>
<td>0.002g</td>
</tr>
<tr>
<td>Pan Size</td>
<td>46 mm dia</td>
<td>80 mm dia</td>
</tr>
</tbody>
</table>

## Gold Scales
0.01g to 600g

<table>
<thead>
<tr>
<th>Models</th>
<th>CT-300</th>
<th>CT-600</th>
<th>CT-1001</th>
<th>CT-3001</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity</td>
<td>300g</td>
<td>600g</td>
<td>1000g</td>
<td>3000g</td>
</tr>
<tr>
<td>Readability</td>
<td>0.01g</td>
<td>0.01g</td>
<td>0.1g</td>
<td>0.1g</td>
</tr>
<tr>
<td>Pan Size</td>
<td>115mm dia</td>
<td>115mm dia</td>
<td>125mm dia</td>
<td>150mm dia</td>
</tr>
</tbody>
</table>

## Silver Scales
0.1g to 15Kg

**Common features for Gem & Jewellery Scales**
- Incorporate high quality loadcells.
- Multiple weighing units, gram & carat.
- Piece counting facility.
- RS-232 Bi directional interface.
- Power saving mode.
- Overload and shortload protection.
- Weight slip printing (Optional).
- Bright Red LED Display.
- High bright green LED Display (Optional).
- Battery Backup (Optional).
- Additional Display (Optional).
- Breeze shield (Optional).

<table>
<thead>
<tr>
<th>Models</th>
<th>CT-6001</th>
<th>CT-10002</th>
<th>CT-15005</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity</td>
<td>5kg</td>
<td>10kg</td>
<td>15kg</td>
</tr>
<tr>
<td>Readability</td>
<td>0.1g</td>
<td>0.2g</td>
<td>0.5g</td>
</tr>
<tr>
<td>Repeatability (+/-)</td>
<td>0.1 g</td>
<td>0.2 g</td>
<td>0.5 g</td>
</tr>
<tr>
<td>Linearity (+/-)</td>
<td>0.2 g</td>
<td>0.4 g</td>
<td>1.0 g</td>
</tr>
<tr>
<td>Pan Size (mm)</td>
<td>190x250</td>
<td>190x250</td>
<td>190x250</td>
</tr>
</tbody>
</table>

**Common specifications for Gem & Jewellery Scales**
- Taring Range: Up to full capacity
- Response time: 3 secs
- Power Req: 90-250V, 50/60Hz, 10 Watt
- Operating Temperature: 10 to 45 deg C
## SUPERMARKET SCALES

### RETAIL SCALES
1g to 35Kg

<table>
<thead>
<tr>
<th>Models</th>
<th>CT-30K1</th>
<th>CT-30K2</th>
<th>CT-35K2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity</td>
<td>30kg</td>
<td>30kg</td>
<td>35kg</td>
</tr>
<tr>
<td>Readability</td>
<td>1g</td>
<td>2g</td>
<td>2g</td>
</tr>
<tr>
<td>Repeatability (+/-)</td>
<td>1g</td>
<td>2g</td>
<td>2g</td>
</tr>
<tr>
<td>Linearity (+/-)</td>
<td>2g</td>
<td>2g</td>
<td>2g</td>
</tr>
<tr>
<td>Pan Size (mm)</td>
<td>225x300</td>
<td>225x300</td>
<td>225x300</td>
</tr>
</tbody>
</table>

- Bright LED display.
- Clear and bright extra display for customer viewing at a distance.
- 100% tare facility.
- Net and Gross weight indication.
- Accumulation of weights in memory.
- RS-232 interface to connect to a computer / printer.
- Audio visual overload indication.
- Optional battery backup.

## PRICE COMPUTING SCALES
1g to 35Kg

<table>
<thead>
<tr>
<th>Models</th>
<th>CT-30K1</th>
<th>CT-30K2</th>
<th>CT-35K2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity</td>
<td>30kg</td>
<td>30kg</td>
<td>35kg</td>
</tr>
<tr>
<td>Readability</td>
<td>1g</td>
<td>2g</td>
<td>2g</td>
</tr>
<tr>
<td>Repeatability (+/-)</td>
<td>1g</td>
<td>2g</td>
<td>2g</td>
</tr>
<tr>
<td>Linearity (+/-)</td>
<td>2g</td>
<td>2g</td>
<td>2g</td>
</tr>
<tr>
<td>Pan Size (mm)</td>
<td>225x300</td>
<td>225x300</td>
<td>225x300</td>
</tr>
</tbody>
</table>

- Can store price of items with their names (up to 60 nos).
- Bill printing facility.
- Facility to price addition for pre-packed items.
- Facility to enter shop name and address.
- Per kg or per 100g rate selection.
- Facility to accumulate transaction data.
- Computes total sales of all items along with their weights.
- Date and Time entry facility.
- Tactile keyboard making it dust & moisture resistant for long lasting and reliable operation.
- Different displays for weight, unit price and total price.
- Display on both sides.
- Mini Printer (Optional)

## HANGING SCALES
2g to 30Kg

<table>
<thead>
<tr>
<th>Models</th>
<th>HS-15K2</th>
<th>HS-30K5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity</td>
<td>15g</td>
<td>30g</td>
</tr>
<tr>
<td>Readability</td>
<td>2g</td>
<td>5g</td>
</tr>
<tr>
<td>Repeatability (+/-)</td>
<td>2g</td>
<td>5g</td>
</tr>
<tr>
<td>Linearity (+/-)</td>
<td>4g</td>
<td>10g</td>
</tr>
</tbody>
</table>

- Compact and portable.
- Battery operated.
- LED display.
- Detachable & washable stainless steel pan.
- Ideal for supermarket, fisheries, meat, etc.
HEALTH SCALES

ADULT SCALES
2g to 30Kg

- Toughened glass top.
- Waterproof, can be used in bathroom.
- Battery operated.
- Battery power saving while no weight on the scale.
- Large LCD display.

<table>
<thead>
<tr>
<th>Models</th>
<th>BS-150K100</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity</td>
<td>150kg</td>
</tr>
<tr>
<td>Readability</td>
<td>100g</td>
</tr>
</tbody>
</table>

KITCHEN SCALES
0.1g to 5Kg

- Compact design.
- Accurate measurement.
- Easy carrying option.
- Battery powered.
- LCD display.
- Optional eliminator power supply.

<table>
<thead>
<tr>
<th>Models</th>
<th>CS-601</th>
<th>CS-5K1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity</td>
<td>600g</td>
<td>5kg</td>
</tr>
<tr>
<td>Readability</td>
<td>0.1g</td>
<td>1g</td>
</tr>
<tr>
<td>Pan Size (mm)</td>
<td>150x150</td>
<td>150x150</td>
</tr>
</tbody>
</table>

BABY WEIGHING SCALES
5g to 20Kg

- Overload and shock load protection.
- Bright LED display.
- Large Pan Size.
- Pan Electrically Insulated from the scale for safety.
- Optional battery backup.

<table>
<thead>
<tr>
<th>Models</th>
<th>CT-20K5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity</td>
<td>20Kg</td>
</tr>
<tr>
<td>Readability</td>
<td>5g</td>
</tr>
<tr>
<td>Pan Size (mm)</td>
<td>550 x 300</td>
</tr>
</tbody>
</table>
## Industrial Scales

### Table Top Scales
0.5g to 35Kg

<table>
<thead>
<tr>
<th>Models</th>
<th>CT-15005</th>
<th>CT-30K1</th>
<th>CT-35K2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity</td>
<td>15kg</td>
<td>30kg</td>
<td>35kg</td>
</tr>
<tr>
<td>Readability</td>
<td>0.5g</td>
<td>1g</td>
<td>2g</td>
</tr>
<tr>
<td>Linearity (+/-)</td>
<td>1g</td>
<td>2g</td>
<td>2g</td>
</tr>
<tr>
<td>Pan Size (mm)</td>
<td>225 x 300</td>
<td>225 x 300</td>
<td>225 x 300</td>
</tr>
</tbody>
</table>

- Incorporates high quality loadcells
- Multiple weighing units, Gram, Kilo gram, carat, litre, pound
- Piece counting facility, up to 25 different types
- Storage of weights in memory and printing, up to 100 weights.
- Power saving mode
- Bi-directional RS232 interface to interface with computers and printers
- Set point facility up to 2 limits.
- Auto power off
- Peak hold facility (Optional).
- Date and time facility
- Multiple print options with Sr.no, date, time and weight in horizontal/vertical mode.
- Automatic zero tracking.
- User selectable Tara/Zero mode option with Net/gross facility for minimum use.
- Overload & Shock load Protection
- Bright LED display, high Bright Green LED display (optional)
- Battery backup (optional). Rechargeable sealed maintenance free battery
- Additional display (optional)

## Piece Counting Scales
0.5g to 35Kg

<table>
<thead>
<tr>
<th>Models</th>
<th>CT-6001</th>
<th>CT-10002</th>
<th>CT-15005</th>
<th>CT-30K1</th>
<th>CT-35K2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity</td>
<td>6kg</td>
<td>10kg</td>
<td>15kg</td>
<td>30kg</td>
<td>35kg</td>
</tr>
<tr>
<td>Readability</td>
<td>0.1g</td>
<td>0.2g</td>
<td>0.5g</td>
<td>1g</td>
<td>2g</td>
</tr>
<tr>
<td>Repeatability (+/-)</td>
<td>0.1g</td>
<td>0.2g</td>
<td>0.5g</td>
<td>1g</td>
<td>2g</td>
</tr>
<tr>
<td>Linearity (+/-)</td>
<td>0.2g</td>
<td>0.4g</td>
<td>1g</td>
<td>2g</td>
<td>2g</td>
</tr>
<tr>
<td>Pan Size (mm)</td>
<td>225x300</td>
<td>225x300</td>
<td>225x300</td>
<td>225x300</td>
<td>225x300</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Models</th>
<th>CP-75K5</th>
<th>CP-100K10</th>
<th>CP-200K20</th>
<th>CP-300K20</th>
<th>CP-500K50</th>
<th>CP-1T100</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity</td>
<td>75kg</td>
<td>100kg</td>
<td>200kg</td>
<td>300kg</td>
<td>500kg</td>
<td>1ton</td>
</tr>
<tr>
<td>Readability</td>
<td>5g</td>
<td>10g</td>
<td>20g</td>
<td>20g</td>
<td>50g</td>
<td>100g</td>
</tr>
<tr>
<td>Repeatability (+/-)</td>
<td>5g</td>
<td>10g</td>
<td>20g</td>
<td>20g</td>
<td>50g</td>
<td>100g</td>
</tr>
<tr>
<td>Linearity (+/-)</td>
<td>10g</td>
<td>20g</td>
<td>40g</td>
<td>40g</td>
<td>100g</td>
<td>200g</td>
</tr>
<tr>
<td>Pan Size (mm)</td>
<td>400x400</td>
<td>450x500</td>
<td>600x600</td>
<td>600x600</td>
<td>750x750</td>
<td>1000x1000</td>
</tr>
</tbody>
</table>

- 3 separate display to indicate weight, unit weight and parts.
- Numeric keyboard for easy entry of unit weight/sample quantity.
- Automatic count improvement mode.
- Resettable set points for check counting
- Comparator function with audio indication (buzzer)
- Accumulation and recalling of counts with date/time.
- Optional comparator with relay outputs.
- Print option with date/time, count and weight.
WATER PROOF SCALES
0.1g to 60kg

<table>
<thead>
<tr>
<th>Models</th>
<th>CT-1001</th>
<th>CT-6K1</th>
<th>CT-15K5</th>
<th>CP-30K5</th>
<th>CP-60K10</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity</td>
<td>1kg</td>
<td>6kg</td>
<td>15kg</td>
<td>30kg</td>
<td>60kg</td>
</tr>
<tr>
<td>Readability</td>
<td>0.1g</td>
<td>1g</td>
<td>5g</td>
<td>5g</td>
<td>10g</td>
</tr>
<tr>
<td>Linearity (+/-)</td>
<td>0.2g</td>
<td>2g</td>
<td>5g</td>
<td>10g</td>
<td>10g</td>
</tr>
<tr>
<td>Platform Size(mm)</td>
<td>220x280</td>
<td>225x280</td>
<td>220x280</td>
<td>400x400</td>
<td>400x400</td>
</tr>
</tbody>
</table>

- Available in table top and platform type.
- Optional IP 67/IP 68 SS loadcell.
- Optional IP 67 S.S. Indicator.
- SS 202, Stainless steel construction
- Optional SS 304 & SS 316 materials.
- Electronics and loadcell totally protected from ingress of water.

PALLET SCALES
200g to 2 ton

Four loadcell based Pallet Scales

<table>
<thead>
<tr>
<th>Model</th>
<th>Capacity</th>
<th>Readability</th>
</tr>
</thead>
<tbody>
<tr>
<td>1T200</td>
<td>1 ton</td>
<td>200g</td>
</tr>
<tr>
<td>2T500</td>
<td>2 ton</td>
<td>500g</td>
</tr>
</tbody>
</table>

- Optional Battery Backup.
- Overload and shock load protection.
- 100% subtractive taring range.
- Standard bi-directional RS-232 Interface.
- Audio visual overload indication.
- Piece counting, filing, printing, accumulation, weighing in multiple units.
- Available GLP compliant model in complete SS material for pharmaceutical industries
PLATFORM SCALES
2g to 1 ton

<table>
<thead>
<tr>
<th>Models</th>
<th>CP-75K5</th>
<th>CP-100K10</th>
<th>CP-200K20</th>
<th>CP-300K20</th>
<th>CP-500K50</th>
<th>CP-1T100</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity</td>
<td>75kg</td>
<td>100kg</td>
<td>200kg</td>
<td>300kg</td>
<td>500kg</td>
<td>1ton</td>
</tr>
<tr>
<td>Readability</td>
<td>5g</td>
<td>10g</td>
<td>20g</td>
<td>20g</td>
<td>50g</td>
<td>100g</td>
</tr>
<tr>
<td>Platform Sizes (mm)</td>
<td>400x400</td>
<td>450x500</td>
<td>600x600</td>
<td>600x600</td>
<td>750x750</td>
<td>1000x1000</td>
</tr>
</tbody>
</table>

FLOOR SCALES
200g to 10 ton

<table>
<thead>
<tr>
<th>Capacity</th>
<th>1T/2T</th>
<th>2T/3T</th>
<th>3T/5T/10T</th>
</tr>
</thead>
<tbody>
<tr>
<td>Readability</td>
<td>200g/500g</td>
<td>500g</td>
<td>1kg/1kg/2kg</td>
</tr>
<tr>
<td>Platform Sizes (mm)</td>
<td>1200x1200</td>
<td>1500x1500</td>
<td>2000x2000</td>
</tr>
</tbody>
</table>

Common features of Platform, Floor Scales & Low Profile Scales
- Indicator housed in a sturdy metal enclosure.
- Bright LED display.
- Multiple functions: Parts counting, accumulation, net/gross.
- Standard bi-directional RS-232 interface.
- Overload & shock load protection.
- Bright Red LED display.
- High bright green LED display (optional).
- Battery backup (optional).
- Rechargeable sealed maintenance free battery.
- Low Profile construction with S.S. ramp (Optional) to avoid pit in production area.
- Incorporates multiple number (4 nos) of high quality stainless steel IP 67/68 shear beam loadcells.
- Stainless Steel IP67 GLP compliant Indicator with Real Time Clock (Optional).

STAINLESS STEEL LOW PROFILE SCALES
100g to 2ton

<table>
<thead>
<tr>
<th>Models</th>
<th>CP-500K100</th>
<th>CP-1T200</th>
<th>CP-2T500</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity</td>
<td>500kg</td>
<td>1ton</td>
<td>2ton</td>
</tr>
<tr>
<td>Readability</td>
<td>100g</td>
<td>200g</td>
<td>500g</td>
</tr>
<tr>
<td>Repeatability (+/-)</td>
<td>100g</td>
<td>200g</td>
<td>500g</td>
</tr>
<tr>
<td>Linearity (+/-)</td>
<td>200g</td>
<td>400g</td>
<td>1kg</td>
</tr>
<tr>
<td>Platform Size (mm)</td>
<td>1000x1000</td>
<td>1000x1000</td>
<td>1200x1200</td>
</tr>
</tbody>
</table>
### CRANE SCALES

**STANDARD CRANE SCALES**

![Crane Scales](image)

<table>
<thead>
<tr>
<th>MODELS</th>
<th>CAPACITY</th>
<th>ACC</th>
</tr>
</thead>
<tbody>
<tr>
<td>CCS-500K100</td>
<td>500Kg</td>
<td>100g</td>
</tr>
<tr>
<td>CCS-1T200</td>
<td>1 Ton</td>
<td>200g</td>
</tr>
<tr>
<td>CCS-2T500</td>
<td>2 Ton</td>
<td>500g</td>
</tr>
<tr>
<td>CCS-3T1K</td>
<td>3 Ton</td>
<td>1Kg</td>
</tr>
<tr>
<td>CCS-5T2K</td>
<td>5 Ton</td>
<td>2Kg</td>
</tr>
<tr>
<td>CCS-10T/5K</td>
<td>10 Ton</td>
<td>5Kg</td>
</tr>
<tr>
<td>CCS-15T/5K</td>
<td>15 Ton</td>
<td>5Kg</td>
</tr>
<tr>
<td>CCS-20T/5K</td>
<td>20 Ton</td>
<td>5Kg</td>
</tr>
<tr>
<td>CCS-30T/10K</td>
<td>30 Ton</td>
<td>10Kg</td>
</tr>
<tr>
<td>CCS-40T/20K</td>
<td>40 Ton</td>
<td>20Kg</td>
</tr>
<tr>
<td>CCS-50T/20K</td>
<td>50 Ton</td>
<td>20Kg</td>
</tr>
</tbody>
</table>

- Rugged aluminum diecast enclosure for Models upto 20 ton.
- Steel heavy duty enclosure for Models above 20 ton.
- 25 mm height LED display for Models upto 20 ton & 38 mm height above 20 ton.
- Maximum safety overload 200%.
- Inbuilt sealed maintenance free re-chargeable battery and Battery charger (Optional)
- Infrared remote keypad, operating distance 10 mtr (Optional)
- RS-232 Interface (Optional)
- Multiple print options with Sr. No, Date, Time & Weight in horizontal / vertical mode.
- Date & Time entry facility.
- Multiple weighing units.
- Storage of weights in memory upto 100 samples.
- Power saving by switching off the display.
- Automatic zero tracking.
- Software linearity correction.
- Display hold facility.
- Gross & Net Weight function.
### CRANE SCALES with Heat Insulating Shield

<table>
<thead>
<tr>
<th>MODELS</th>
<th>CAPACITY</th>
<th>ACC</th>
</tr>
</thead>
<tbody>
<tr>
<td>CCH-1T200</td>
<td>1Ton</td>
<td>200g</td>
</tr>
<tr>
<td>CCH-2T500</td>
<td>2Ton</td>
<td>500g</td>
</tr>
<tr>
<td>CCH-3T1K</td>
<td>3 Ton</td>
<td>1Kg</td>
</tr>
<tr>
<td>CCH-5T2K</td>
<td>5 Ton</td>
<td>2Kg</td>
</tr>
<tr>
<td>CCH-10T/5K</td>
<td>10 Ton</td>
<td>5Kg</td>
</tr>
<tr>
<td>CCH-15T/5K</td>
<td>15 Ton</td>
<td>5Kg</td>
</tr>
</tbody>
</table>

- Special construction for high temperature shielding.
- Minimum distance for normal operation is 2 mtr for a heat radiation source at 1500°C.
- Heavy duty aluminum diecast enclosure.

### CRANE SCALES with Wireless Transmission

<table>
<thead>
<tr>
<th>MODELS</th>
<th>CAPACITY</th>
<th>ACC</th>
</tr>
</thead>
<tbody>
<tr>
<td>CCW-5T2K</td>
<td>5 Ton</td>
<td>2Kg</td>
</tr>
<tr>
<td>CCW-10T/5K</td>
<td>10 Ton</td>
<td>5Kg</td>
</tr>
<tr>
<td>CCW-20T/5K</td>
<td>20 Ton</td>
<td>5Kg</td>
</tr>
<tr>
<td>CCW-30T/10K</td>
<td>30 Ton</td>
<td>10Kg</td>
</tr>
<tr>
<td>CCW-40T/20K</td>
<td>40 Ton</td>
<td>20 Kg</td>
</tr>
<tr>
<td>CCW-50T/20K</td>
<td>50 Ton</td>
<td>20Kg</td>
</tr>
</tbody>
</table>

- Heavy duty steel enclosure.
- Wireless transmission maximum operating distance from the Indicator is 100 mtr.
- Graphical backlite LCD display in the Indicator.
- Real Time Clock (Optional).

### CRANE SCALES with Wireless Transmission & Heat Insulating Shield

<table>
<thead>
<tr>
<th>MODELS</th>
<th>CAPACITY</th>
<th>ACC</th>
</tr>
</thead>
<tbody>
<tr>
<td>CCWH-5T2K</td>
<td>5 Ton</td>
<td>2Kg</td>
</tr>
<tr>
<td>CCWH-20T/5K</td>
<td>20 Ton</td>
<td>5Kg</td>
</tr>
<tr>
<td>CCWH-30T/10K</td>
<td>30 Ton</td>
<td>10Kg</td>
</tr>
</tbody>
</table>

- Special construction for high temperature shielding.
- Minimum distance for normal operation is 2 mtr for a heat radiation source at 1500°C.
- Wireless transmission maximum operating distance from the Indicator is 100 mtr.
- Graphical backlite LCD display in the Indicator.
- Real Time Clock (Optional).
WEIGHING INDICATORS
ConTech Platform Scales are offered with various types of Indicators for different working ambience and application.

UNIVERSAL INDICATORS
- Selectable weighing capacity and least count through keyboard.
- High speed A/D conversion
- Full digital calibration through keyboard enabling easy replacement of indicator in the system.
- 3 point linearity correction.
- Optional Battery Backup
- Bright LED Display
- RS-232 Interface (optional)

BATCH WEIGHING INDICATORS
- High Speed A/D conversion
- Full Digital calibration through keyboard enabling easy replacement of indicator in the system
- 3 Point Linearity correction
- Selectable weighing ranges
- Optional Real time clock
- Set point comparison for batching application
- Maximum 2 NO/NC potential free relay contacts
- Panel mounting or Desktop
- Optional battery backup
- Bright LED Display
- RS-232 Interface (Standard)

FLAMMABLE INDICATORS
- Cast aluminium construction in compliance with requirements in respect of flammability and temperature class suitable for use in Zone 1 & Zone 2 and gas groups IIA & IIB atmospheres. Certified by Central Institute of Mining & Fuel Research, Govt. of India.
- High Speed A/D conversion
- Optional battery backup
- Bright LED Display
- Suitable port along with cable glands for the power inlet & loadcell connection.
- Loadcell connection through Zenner Barrier.

STAINLESS STEEL INDICATORS
- High protection grade stainless steel housing, Waterproof IP65.
- GLP Compliant suitable for pharmaceutical industries (Optional).
- Real Time Clock (RTC) (Optional).
- S.S. 304 material (Optional).
- Large size Backlite LCD display.
- RS-232 interface to connect to a computer / printer. (Standard).

Common specifications
- Taring Range: Up to full capacity
- Response time: 3 secs
- Power Req: 90-250V, 50/60Hz, 10 Watt
- Operating Temperature: 10 to 45 deg C
ELECTRONIC WEIGH BRIDGES
5kg to 100 Ton

- Weighing capacity from 10T to 100T, accuracy from 5kg to 50kg.
- Different platform size 6m x 3m to 18m x 3m.
- Heavy duty loadcells and rugged construction for long life and reliable operation.
- Incorporates latest Microcomputer – technology for accurate weighing.
- Eliminates levers and knife edges to avoid frequent maintenance.
- Computerized model for effective truck management and report generation on the basis of date, vehicle number, supplier, material, etc on a printer.

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity</td>
<td>10 ton – 100 ton</td>
</tr>
<tr>
<td>Accuracy</td>
<td>5 kg – 50 kg</td>
</tr>
<tr>
<td>Platform Size</td>
<td>7.5 x 3 m – 18 x 3 m</td>
</tr>
<tr>
<td>No. of Loadcells</td>
<td>4 – 8 Load cells: Hermetically sealed Compression Type.</td>
</tr>
<tr>
<td>Control Unit</td>
<td>Microcontroller based.</td>
</tr>
<tr>
<td>Auxiliary Display</td>
<td>1” LED (optional 4”)</td>
</tr>
<tr>
<td>Power supply (control unit)</td>
<td>100 - 270 V.AC; 50/60Hz</td>
</tr>
<tr>
<td>Power Consumption (control unit)</td>
<td>50 Watts</td>
</tr>
<tr>
<td>Operating Temperature</td>
<td>10 deg C to 45 deg C</td>
</tr>
</tbody>
</table>

Structure Mounted on the loadcell

LOADCELL RC3

Features
- Stainless steel self centering rocker, column, loadcell with complete hermetic sealing suitable for use in harsh industrial environment.
- Environmental protection IP68.
- Self restoring design.
- High input resistance.
Scales for Special Applications

Milk Bowl Weighing Systems
100 g - 500 kg

- Platform scales for small milk collection centers and bowl type scales for big dairy farms
- Programmable conversion factor for kilograms to litre
- RS232 output for computer interface
- Rugged construction to withstand rough usage in dairy farms
- Optional stainless steel bowl in S.S.304.
- Optional stainless steel construction.

100 g - 500 kg

Model | 300K100 | 500K100
Capacity | 300 kg | 500 kg
Accuracy | 100 g | 100 g

Ramp & Rollers for Platform Scales

For ease of loading and unloading of carboy and drums filled with chemicals, the platform scales are provided with ramps, rollers on the ramps on one side or both the sides and rollers on platform of the scale. Rollers available in M.S. Material with Zinc passivation or S.S. 202 or S.S. 304 depending on the need.

Static Check Weighing Systems

- Programmable 1 or 2 limits setting.
- Status indication weight under, weight Ok, weight over.
- Illuminated status display for clear and distant viewing.
- Programmable Audio indication.
- Can be offered with any type of scale.

Customised Weighing Systems

- Design and development of customized weighing requirement.
- Automation of weighing and material handling.
- Incorporation of customized software for better tracking and productivity.
- Wireless remote weighing, incase of a requirement.
BALANCE ACCESSORIES

AUXILIARY DISPLAY ATTACHED TO THE BALANCE ON THE POLE
In the scales used for trading, a second display facing opposite side of the user attached to the scale on the pole for a clear viewing by the customer is offered. LED or VFD display as per the provision in the scale.

AUXILIARY DISPLAY (REMOTE WIRED)
Auxiliary display is provided with cable for viewing at a distance away from the scale which can be placed on the table top or mounted on the wall. Maximum cable length can be up to 25 mtrs. The Auxiliary display is available in LED or VFD as per the provision in the scale.

LARGE PANEL DISPLAY
Large size digit (upto 4" digit height) in high bright red led for usage in open area like production floor, exit gate along with weighbridges, crane scales, floor scales, etc., for a large distant viewing. Wired and wireless option available.

SWITCH MODE POWER SUPPLY (SMPS)
Contech scales are supplied with SMPS which provides required DC voltages for the operation of the scale circuit. SMPS operates on a high frequency and hence the circuit becomes efficient & compact. The input AC power voltage span is 100-270V, AC, 50/60Hz and hence with SMPS, the scale can operate on both 110V and 220V AC supply.

BATTERY BACKUP
Battery backup unit is an online uninterruptible power supply providing adequate voltages for the operation of the balance in case of power failure. Battery Backup unit incorporates sealed maintenance free lead acid batteries with a charger and under voltage and over voltage protection circuit.

BREEZE SHIELD
Contech provides glass breeze shield as standard with EMFC balances having accuracy of 1mg or better to shield the weighing area from breeze. For balances with accuracy less than 1mg, breeze shield can be provided as optional. Different types of Breeze Shields are available based on the model and application.

MINI PRINTER
Printer having serial port can be connected to all Contech scales with RS-232 interface for printing weight data. Different applications can generate various reports which can be printed on the serial printer. GLP software with inbuilt RTC allows for the composition of GLP procedures for calibration test and calibration report with date and time on a printer connected to the serial port of the balances.

MOTORIZED CALIBRATION
Fully automatic calibration accomplished by a smooth noiseless motor driven standard weight inside the balance eliminating weight maintenance. Accurately machined stainless steel standard weight is used for the purpose. Any tolerance in the weight machining is corrected through software. Balance can be programmed to initiate the motorized calibration process everytime when it is switched ON, change in the ambient temperature, at a preset time to recalibrate the balance.

FLAMEPROOF JUNCTION BOX
Flameproof cum weatherproof junction box in cast aluminium with multiple ports and cable glands for inlet and outlet connection of loadcells in compliance with requirements in respect of flameproofness and temperature class suitable for use in Zone 1 & Zone 2 and gas groups IIA & IIB atmospheres. Certified by Central Institute of Mining & Fuel Research, Govt. of India.

STANDARD WEIGHTS
- High precision metrological standard weights and weight box.
- Complete range: 1mg to 200 g weight box and loose weights up to 20 kg
- M1, E1, E2, F1, F2, Class weights.
- Stainless steel, Austenite alloy, Brass material
- Calibrated by NABL accredited Laboratory, RRSRL (Regional Reference Standard Laboratory, NPL (National Physical Laboratory).
ELECTRO CHEMICAL INSTRUMENTS

pH METERS

- Advanced Microcontroller based design.
- Display of pH, mv, temp on backlite LCD.
- RS-232 Interface (Optional).
- Intbuilt RTC (Optional).
- GLP complant (Optional).
- Entry of buffer value, machine ID through keyboard for the GLP print out.
- 3 point Automatic pH Calibration with buffer standards 4.0, 7.0 & 9.2 pH
- 3 point manual pH calibration using with known buffer standards.
- Automatic temperature compensation (Optional).
- Entry of temperature through keyboard in the absence of temperature sensor.
- Storage upto 50 test results.
- Display of time based pH sampling data upto 200 samples.

<table>
<thead>
<tr>
<th>Model</th>
<th>CpH-102</th>
<th>CpH-103</th>
</tr>
</thead>
<tbody>
<tr>
<td>pH Range</td>
<td>0-14pH</td>
<td>0-14pH</td>
</tr>
<tr>
<td>pH Resolution</td>
<td>0.01pH</td>
<td>0.001pH</td>
</tr>
<tr>
<td>pH Accuracy</td>
<td>±0.02pH</td>
<td>±0.002pH</td>
</tr>
<tr>
<td>Temperature compensation</td>
<td>0-100 deg C</td>
<td>0-100 deg C</td>
</tr>
<tr>
<td>mV</td>
<td>±2000mV</td>
<td>±2000mV</td>
</tr>
<tr>
<td>mV Resolution</td>
<td>1mV</td>
<td>0.1mV</td>
</tr>
<tr>
<td>mV Accuracy</td>
<td>±2mV</td>
<td>±0.2mV</td>
</tr>
</tbody>
</table>

CONDUCTIVITY METERS

- Incorporates advanced automatic frequency convertible and voltage technology to enhance electrodes measuring capability and maintains the electrode constant in standard solution of different concentration.
- One point calibration for the entire range.
- Advanced Microcontroller based design.
- Display of Conductivity & temp on backlite LCD.
- RS-232 Interface (Optional).
- Intbuilt RTC (Optional).
- GLP complant (Optional).
- Entry of Conductivity electrode constant, machine ID through keyboard for the GLP print out.
- Automatic temperature compensation (Optional).
- Entry of temperature through keyboard in the absence of temperature sensor.
- Storage upto 50 test results.

<table>
<thead>
<tr>
<th>Model</th>
<th>CC-01</th>
</tr>
</thead>
<tbody>
<tr>
<td>Conductivity Range</td>
<td>0-200mS/cm</td>
</tr>
<tr>
<td>Precision</td>
<td>±1.0% full scale</td>
</tr>
<tr>
<td>Resistivity</td>
<td>0 to 50 M Ohm.cm</td>
</tr>
<tr>
<td>Temperature</td>
<td>−10.0 to 110.0°C</td>
</tr>
<tr>
<td>TDS</td>
<td>0 to 80g/L</td>
</tr>
</tbody>
</table>
OPTICAL INSTRUMENTS

DIGITAL POLARIMETERS
CDP-001
- Based on optical null principle.
- Large Backlite LCD screen.
- Calculation of average & RMS value.
- RS-232 Interface.
- Measurement of dark sample upto 1% transmittance.
- Various types of sample tubes, sample tube length 100 mm and 200 mm.
- Measures optical rotation, specific rotation, concentration and sugar content.

Measuring Range: -120° to 120° Z
Resolution: ±0.001° Z
Accuracy: ±(0.032 + measured value X 0.05%)
Light Source: Sodium Lamp 589 Nm
Lowest sample transmittance: 1%
Power Supply: 220 V +/-10%, 50Hz
Dimensions: 600x320x220mm
Weight: 30kg

DIGITAL ABBE REFRACTOMETERS
CAR-02
- Measurement of refractive index of transparent, translucent liquids and solid substances.
- Measurement of percentage of solids in sugar solution (brix).
- Automatic temperature correction of brix.
- RS-232 Interface.
- Backlite LCD.
- Prism made of hard glass.

Measuring Range: Refractive Index nD: 1.3000 to 1.7000
Brix: 0 to 95%
Brix-TC: 0 to 95%
Accuracy: Refractive Index nD: ±0.0002
Brix: ±0.1%
Range of temperature display: 0 to 50°
Range of temperature for correction of Brix value: 15 to 45°
Power Supply: 220 V +/-10%, 50Hz
Dimension: 330x180x380mm
Weight: 10 kg

DIGITAL MELTING POINT APPARATUS
CDMP-300
- Photo Electric detection.
- Large Backlite LCD display.
- RS-232 Interface.
- Measurement of 3 samples simultaneously.
- Display of initial and final melting points.
- Calculation of average value of initial and final melting points.
- Platinum resistor sensor for the precise temperature measurement.
- Capillary sample tube as stipulated by pharmacopoeia.

Measuring Range of Melting point: Ambient to 300°C
Resolution: 0.1°C
Rate of heating(°C/min): 0, 0.5, 1, 1.5, 2, 3, 4, 5
Accuracy: ±0.5°C upto 200°C,
±0.8°C from 200°C to 300°C
Heating time (50 to 300°C): 3 mins
Cooling time (300 to 500°C): 5 mins
Capillary sample tube size: OD 1.4mm, ID 1mm
Power Supply: 220 V +/-10%, 50Hz, 100 Watt
Dimensions: 400 x 280 x 210 mm
Weight: 12.5 kg
X-RAY GOLD PURITY TESTERS
Quick, Accurate, Reliable, Non Destructive Gold Purity Checking by
X-Ray Fluorescence Spectrometer Contech CGX -101

X-Ray Gold Purity Tester - CGX-101

XRF Spectrometer thus far restricted only to the Research Labs is the most scientific approach for the elemental analysis which has found a new market segment in the Gold Jewellery Industry for the most accurate and reliable gold purity checking. Traditional Gold purity testing methods such as fire assay and chemical analysis are time consuming, cumbersome and destructive. XRF testing is relatively simple, fast, reliable, inexpensive, no sample preparation required and most of all is non – destructive.

Energy Dispersive X-ray Fluorescence
XRF is used to detect and analyze noble metals like Gold(Au), Silver(Ag), Platinum(Pt), Palladium(Pd), Rhodium(Rh), Ruthenium(Ru), Copper(Cu), Zinc(Zn), Nickel(Ni), Cadmium(Cd), Indium(In) in the Jewellery Industry.

Energy Dispersive X-ray Fluorescence (EDXRF) technique relies on the detector and the detection circuit capability to resolve spectral peaks due to different energy X-Rays emitted when a primary X-Ray beam strikes a metal alloy corresponding to different elements in the sample, intensity of the spectrum radiation proportional to the concentration of element. The spectrum then processed through the powerful computer software which calculates and reports the various elements & their composition in the sample.

XRF Gold Purity Tester consists of X-Ray tube, high voltage power supply for X-Ray source, X-Ray tube filters, gas proportional counter detector, processing electronics and system interface & an external computer. A camera is incorporated in the system to view the sample on the computer screen.

Contech Gold Purity Tester - X-ray Fluorescence Spectrometer CGX-101

Detectable elements*: Gold(Au), Silver(Ag), Platinum(Pt), Palladium(Pd), Rhodium(Rh), Ruthenium(Ru), Copper(Cu), Zinc(Zn), Nickel(Ni), Cadmium(Cd), Indium(In).

Accuracy of measurement: ±0.2%
Sensor: Gas Proportional Counter Detector.
Detection Range: 1%–99.99%
Testing Time: 30–200 secs
Test Point Area: 1–2mm
Coating Thickness Measurement: <30μ
High Voltage Source for X-Ray: 50 Kv
Power Supply: 200-240V AC, 50-60Hz
Power Rating: 130 Watt
Temperature Range: 10–40°C
Relative humidity: <70%
Operation atmosphere: Vibration free surface and air conditioned room.
Interface for Computer: Inbuilt, External Computer required.
Software for Operation: Menu Driven User Friendly Operating System.
Dimensions: Length: 440mm
Height: 335mm (with test compartment cover in closed position) & 585mm (in open position)
Depth: 370mm (without connectors) and 450mm (with connectors)
Net Weight: 25kg

* Spectrum of some of the elements may be combined with other elements, in such cases, concentration of the latter gets added to the former.