# Professional Carat & Jewellery Balances
# CT Series



**Technology**
All Aczet High Performance Jewellery Balances are based on Electro magnetic force compensation principal. The compensated principal is superior to conventional systems due to improved dynamic & static performance.

**THE BRILLIANT MONO-TECH**
Unique & unequalled high end MONO-TECH technology (Weigh Sensor) to match the highest international standards.

**Display**
High Contrast Backlit LCD display is exceptionally easy to read under any room lighting conditions.

**Capacity Bar**
Capacity Bar graph show how much of the weighing range is still available.

**Printer**
Can be connect with any Diamond & Jewellery Balances of Aczet. Date, Time Statistic & Totalization function which enables for printing any Diamond & Jewellery Weights printouts.

It's provides easily readable records on normal paper which last for years.

**Flexibility**
User can weigh various weighing units like mg, g, ct, oz, dwt, tola, mommes, baht, grain, mesghal, ozt, Hong Kong Taels, Singapore Taels, Taiwan Taels. This extends flexibility to the user.

**Underweighing**
Standard Under weighing hook for below balance weighing.

**Easy Data Transfer**
Only a single cable is required to transfer balance data to MS Excel or other Windows application through RS232C interface. No troublesome interface attachment or software installation is necessary. This unique feature makes Aczet balance extremely convenient for data analysis.

**Convenience**
This Balances are equip with Larger Drafshield & Windshield chamber with giving more operational space. Diamonds can be easily place with Standard Carat Bowl with handle from the both sides

**Optional**
Aczet Data Printer is available for printing Weighing Data with Time & Date Formulation.

| MODEL | CT253 | Ct603 | CT 1503DR | CT1503 | CT1503C | CY220 | CY360 | CY510 | CY1003 | CY2003 |
|---|---|---|---|---|---|---|---|---|---|---|
| Capacity | 250ct | 600ct | 600 / 1500 ct | 1500ct | 1500ct | 1100 ct | 1800ct | 2550 ct | 5000 ct | 10000 ct |
| Readability | 0.01 ct | 0.001 ct | 0.001/0.01 ct | 0.001 ct | 0.001 ct | 0.005 ct | 0.005 ct | 0.005 ct | 0.005 ct | 0.01 ct |
| Repeatability | 0.001 ct | 0.001 ct | 0.001 / 0.01 ct | 0.001 ct | 0.001 ct | 0.005 ct | 0.005 ct | 0.005 ct | 0.005 ct | 0.01 ct |
| Linearity (+) | 0.002 ct | 0.001 ct | 0.002 / 0.02 ct | 0.003 ct | 0.003 ct | 0.01 ct | 0.01 ct | 0.01 ct | 0.01 ct | 0.04 ct |
| Pan Size (mm) | 90 Ø | | | | | 128 x 128 | | | | |
| Response Time | 2 - 3 sec | | | | | 2 - 3 sec. | | | | |
| Calibration | External | | | | Internal | External | | | | |

| MODEL | CG 1202 | CG 2202 | CG 3102 | CG 4102 | CG6102 | CG 2202 C | CG 6102C |
|---|---|---|---|---|---|---|---|
| Capacity | 1200 g | 2200 g | 3100 g | 4100 g | 6100 g | 2200 g | 6100 g |
| Readability | 0.01 g | 0.01 g | 0.01 g | 0.01 g | 0.01 g | 0.01 g | 0.01 g |
| Repeatability | 0.01 g | 0.01 g | 0.01 g | 0.01 g | 0.01 g | 0.01 g | 0.01 g |
| Linearity (+) | 0.02 g | 0.02 g | 0.02 g | 0.02 g | 0.02 g | 0.02 g | 0.02 g |
| Calibration | External | | | | | Motorised | |
| Pan Size (mm) | 190 x 205 | | | | | 190 x 205 | |
| Response Time | 2 - 3 sec. | | | | | 2 - 3 sec. | |

Note : Optional Internal Calibration for All models