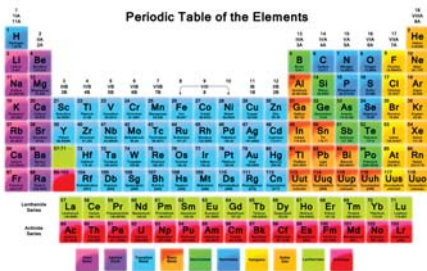


About Us

Aczet Pvt. Ltd. formerly known as Citizen Scale (I) Pvt. Ltd. is the leading technology provider catering to the technology requirements of jewellery, watch manufacturing industries and financial institutions for high precision weighing, material testing and coating thickness measurements, laser welding and engraving. It possesses certificates like ISO 9001:2008, NTEP, EC, CE Type approval etc.

Aczet is backed by a small yet diverse In-house R&D team includes engineers /doctorate from different streams like Mechanical, Electronics, Embedded and software is the key reason behind Aczet's success. This assures the company to keep abreast with modern technology advancements in it's core competencies of weighing, XRF and Laser machinery.

Aczet already has established presence of its products and full-fledged services in more than 52 countries across the globe with the help of its local representatives in each country. Today morethan 200 employees work together at Aczet worldwide with common vision, mutual goals and strategies. Aczet is constantly working hard to increase it's global presence in each segment and each country with philosophy of best quality products and services at reasonable price



Periodic Table of the Elements

The image shows a standard periodic table of elements, color-coded by groups. It includes the title 'Periodic Table of the Elements' at the top center. The elements are arranged in rows and columns, with their symbols and names visible. The table is divided into several blocks: s-block, p-block, d-block, and f-block.



XRF

Aczet is also a proud owner of the leading German Technology to manufacture XRF machines for material testing and coating thickness measurement from more than 2 decades with installation base of more than 2000 units. With its engineering capabilities, Aczet invented smallest footprint XRF Cube model suitable for today's customer need keeping intact German engineering for measurement and safety at the same time ideal for Jewellery processing units and watch manufacturing industry to measure composition of precious metal accurately yet non destructive and with shortest measurement time of 60 second. This instrument also helps to measure coating thickness up to 3 to 4 layers accurately with nano measurement.

Weighing

Aczet is one of six companies in world producing High precision Balances based on EMFC technology. We have further marked our success in jewellery industry by inventing specialized application balances like Carat Balances for diamond weighing and Karat Analyzer specialized for measuring purity of precious metal like gold, silver, platinum based on specific gravity. With the launch of Micro balance, Aczet holds position in top three companies having technical capability in weighing industry.

Laser

Aczet, with its close tie-ups with ITALIAN spare part manufacturer for Laser machines, invented efficient laser soldering and engravers with best durability at reasonable price. DSP technology adoption with strong power made laser solder preferable product for jewellery and watch manufacturing industry.

Precise Results Unrivalled in its Performance Class

New Aczet Balances will impress you with their excellent performance, delivering accurate results within the shortest possible time, thanks to MonoTech and Perfect Self Automatic Calibration (PSAC).

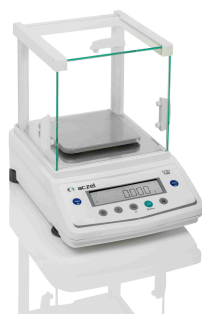
The proven MonoTech weighing technology guarantees long operation life and extreme ruggedness, while PSAC automatically calibrates the balances using internal weights whenever changes in temperature affect the accuracy of your weighing results.



When accuracy counts...

Professional Carat & Jewellery Balances

CY-K 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 Tael, Singapore Tael, Taiwan Tael. 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 Draftshield & Windshield chamber with giving more operational space. Diamonds can be easily place with Standard Carat Bowl with handle from the bothsides

Optional

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

| MODEL | CY253K | CY603K | CY1503K | CY1503KC | CY223 | CY363 | CY513 | CY1003 |
|---------------|-----------|----------|----------|----------|------------|----------|----------|----------|
| Capacity | 250ct | 600ct | 1500ct | 1500ct | 1100 ct | 1800 ct | 2550 ct | 5000 ct |
| Readability | 0.01 ct | 0.001 ct | 0.001 ct | 0.001 ct | 0.005 ct | 0.005 ct | 0.005 ct | 0.005 ct |
| Repeatability | 0.001 ct | 0.001 ct | 0.001 ct | 0.001 ct | 0.005 ct | 0.005 ct | 0.005 ct | 0.005 ct |
| Linearity (+) | 0.002 ct | 0.001 ct | 0.003 ct | 0.003 ct | 0.01 ct | 0.01 ct | 0.01 ct | 0.01 ct |
| Pan Size (mm) | 90 Ø | | | | 128 x 128 | | | |
| Response Time | 2 - 3 sec | | | | 2 - 3 sec. | | | |
| Calibration | External | | | Internal | External | | | |

| MODEL | CY 1202 | CY 2202 | CY 3102 | CY 4102 | CY 6102 | CY 2202 C | CY 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 | | | | Internal | | |
| Pan Size (mm) | 190 x 205 | | | | 190 x 205 | | |
| Response Time | 2 - 3 sec. | | | | 2 - 3 sec. | | |

Economy Carat & Jewellery Balances

CG Series



Technology

High Precision Load Cell Technology.
6,00,000 internal Resolution for high accuracy.

Display

Red LED Display for easy viewing Function.

Housing

ABS Plastic Body & easy to carry, can be install at any wooden table.

Compact

Compact and Space Savings with Folding windshied.

Conviency

CTG Series Balances are equipped with standard inbuilt rechargeable battery for continuous use.

Standard

Standard Extra display (CTG Series) & rechargeable battery for continuous use.

| MODEL | CG 53K | CG 55K | CG 105K | CG 302 | CG 602 | CG 1202 |
|---------------|-----------|----------|----------|--------|--------|---------|
| Capacity | 50 ct | 50 ct | 100 ct | 300 g | 600 g | 1200 g |
| Readability | 0.001 ct | 0.005 ct | 0.005 ct | 0.01 g | 0.01 g | 0.01 g |
| Repeatability | 0.001 ct | 0.005 ct | 0.005 ct | 0.01 g | 0.01 g | 0.01 g |
| Pan Size (mm) | 35 Ø | | | 118 Ø | | |
| Response Time | 2 - 3 sec | | | | | |
| Calibration | External | | | | | |

Professional Silver Scales

CYH / CG Series



SSH Series

| Model | CY 15001H | CY 25001H | CY 35001H | CG 3 | CG 6 | CG 15H | CG 30 | CG 30H |
|--------------------|---|-----------|-----------|-----------|-------|--------|-------|--------|
| Capacity | 15 kg | 25 kg | 35 kg | 3 kg | 6 kg | 15 kg | 30 kg | 30 kg |
| Readability | 0.1 g | 0.1 g | 0.1 g | 0.1 g | 0.5 g | 0.5 g | 1 g | 0.5 g |
| Repeatability (SD) | 0.1 g | 0.1 g | 0.1 g | 0.2 g | 1 g | 1 g | 2 g | 1 g |
| Pan Size (mm) | 400 x 300 | | | 230 x 300 | | | | |
| Calibration | External | | | External | | | | |
| Units of Measure | g, mg, ct, GN, mo, oz, dwt, TIT, t1H, t1S, mom, Bat, MS | | | | | | | |
| Power Supply | A/C Adapter 230V - 115V ± 20% 50-60 Hz | | | | | | | |

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