



Citizen®

ISO 9001 : 2000 CERTIFIED



IS 9281: Part 3 : 1981



CML- 7777809



Complete Laboratory Catalogue



Turning Technology into Solutions

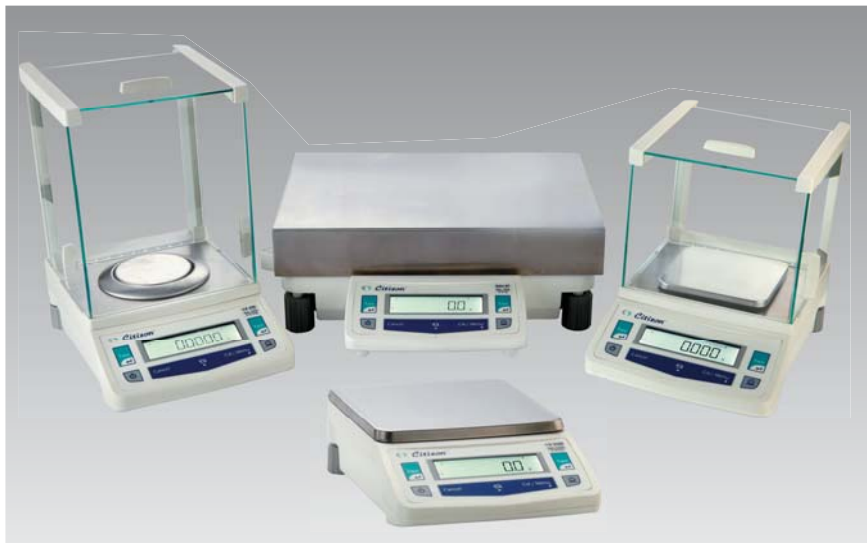
www.citizenscales.com



Precise Results Unrivalled in its Performance Class

No matter you are carrying out a simple routine task or a complicated weighing procedure, New Citizen 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. For added security, you can configure PSAC to initiate self-calibration at specific times.



One range many solution

A strong line up 30 models, ranging from 0.01mg to 100 kg; reliable & accurate for all lab application.

Built-in application programme other than basic weighing ease your routine lab work like,

- Counting
- Percent Weighing
- Animal Weighing
- Formulation
- Totalization
- Check weighing
- Density Determination



Easy Data Transfer

Only a single cable is required to transfer balance data to MExcel or other Windows application.

No troublesome interface attachment or software installation is necessary. This unique feature makes Citizen balance extremely convenient for data analysis.



EXCELLENT READABILITY

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



THE BRILLIANT MONO-TECH

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



ELECTROMAGNETIC COMPATIBILITY

Metal housing eliminates the effects of thunderstorms or electromagnetic interference from other equipments.

Large draft shield chamber, gives more space to the user, samples can be easily placed on the pan & also it gets accustomed to the interior temperature.



Optimal lighting conditions inside the draft shield, thanks to its nearly frameless all-glass design.

When accuracy counts



Metal Housing

The metal housing protects the weighing sensor from environmental influences which enhances the performance even with intensive use in harsh environments

The new stylish CT series, has been designed to meet high requirement for measuring precious gems, with high readability of 1milli carat.

1 mg balance with analytical draft shield is plus for reliable result as good as analytical balance.

Get more versatility & High resolution applications, in the new stylish CG series.



Unique combination of rugged and stylish design

Good Repeatability - Microbalance consists of two components. One of them contains electronic modules, and the other precise mechanical measuring system. Such a solution guarantees elimination of temperature changes influencing the weighing of the micro balance and thus it yield great repeatability of your weighing results.

Brilliant Readability -High -Contrast Graphical Display with backlit



Infrared sensors, you can weigh without touching the balance. Everything is done automatically with a wave of your hand Meet the Highest requirements:-

Glass draft shield - esthetic, cylindrical shaped motorized draft shield with small glass



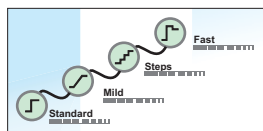
Incomparably stable accuracy- Rugged and high height MONOTECH sensor allows balance to give exceptionally stable result.

Perfect Auto calibration- the balance ensures that calibration is carried out at regular intervals, and delivers consistently high accuracy.

More than weighing
5 different pre-programmed applications other than basic weighing ease your routine lab work like, Filling, Statistics, Checking weighing, Percent weighing and air buoyancy correction,

Maximum Accuracy

Diversity of moisture determination



Selection from four profiles for drying.

Result - Finish mode (manual, humidity stabilization, automatic, time defined).

Fast & Precise-Halogen dryers are increasingly used as a fast alternative to the classic oven drying method. With its Halogen infrared heat sources, this moisture analyzer can be optimally adapted to the intended application.

Brilliant Readability - Easy access to Graphical backlit LCD display.

Profile - Drying profile (standard, mild, step, rapid)

Temperature - Range of Temp. of drying max to 160°C (optional to 250°C). Set Temp. at 1°C.

A rugged design with low space requirements and easy operation are the major features of this analyzer.

High Capacity precision balances



Get extensive high resolution even when you weigh high capacity.

Design to Perform

-: Features & Application :-

GLP	ISO/GLP/GMP Compliance	Che	Checkweighing	AIR	Air buoyancy	USB	USB Port (Optional)
PCS	Piece Counting	Stat	Statistic	FIL	Filling	U	Under Weighing
%	Percent Weighing	DEN	Density Determination	UNIT	Unit Conversion	ST	Smart Track
ANI	Animal Weighing	Form	Formulation	PC RS 232	RS-232 Data Interface	PSAC	Perfect Self Automatic Calibration

-: Optional Accessories :-

<p>CALIBRATION WEIGHTS (Single)</p> <p>E1/E2/F1/F2/M1 class</p>	<p>WEIGHTS BOX</p> <p>E1/E2/F1/F2/M1 class</p>	<p>FLAMEPROOF ENCLOSER</p>	<p>ANTI-THEFT</p>	<p>DENSITY KIT</p> <p>CDK01</p>
<p>ALLUMINIUM DISH CDP50</p> <p>Set of 50 Pcs</p>	<p>REMOTE DISPLAY</p> <p>SRD01</p>			<p>STATISTICAL PRINTER CPR02</p>

	MODEL	CAPACITY	READABILITY	REPEATABILITY (SD)	LINEARITY	PAN SIZE (mm)	RESPONSE TIME	CAL
Micro Balance	CM 5	5 g	1 µg	2 µg	3 µg	15Ø / 30Ø	10 sec.	Internal
	CM 11	11 g	1 µg	2 µg	5 µg	15Ø / 30Ø	10 sec.	Internal
	CM 21	21 g	1 µg	3 µg	10 µg	15Ø / 30Ø	10 sec.	Internal
	CM 31	31 g	1 µg	3 µg	10 µg	15Ø / 30Ø	10 sec.	Internal



DIMEN : 370 x 210 x 173

Semi-Micro Balance



DIMEN : 484 x 202 x 294


CX 205	200 g	0.01 mg	0.03 mg	0.1 mg	85Ø	5-8 sec.	Internal
CX 265	60 / 210 g	0.01 / 0.1 mg	0.02 / 0.1 mg	0.05 / 0.2 mg	85Ø	3-5 sec.	Internal
CX 165	100 / 60 g	0.01 / 0.1 mg	0.02 / 0.1 mg	0.05 / 0.2 mg	85Ø	3-5 sec.	Internal


Analytical Balance





DIMEN : 342.5 x 212 x 341

CX 301	301 g	0.1 mg	0.1 mg	0.3 mg	90Ø	3 sec.	Internal
CX 220	220 g	0.1 mg	0.1 mg	0.2 mg	90Ø	3 sec.	Internal
CX 120	120 g	0.1 mg	0.1 mg	0.2 mg	90Ø	3 sec.	Internal
CX 65	65 g	0.1 mg	0.1 mg	0.2 mg	90Ø	3 sec.	Internal
CY 204	220 g	0.1 mg	0.1 mg	0.2 mg	90Ø	3 sec.	External
CY 104	120 g	0.1 mg	0.1 mg	0.2 mg	90Ø	3 sec.	External
CY 64	60 g	0.1 mg	0.1 mg	0.2 mg	90Ø	3 sec.	External

	MODEL	CAPACITY	READABILITY	REPEATABILITY (SD)	LINEARITY	PAN SIZE (mm)	RESPONSE TIME	CAL
Precision Balance 	CY 120	120 g	0.001g	0.001 g	0.002 g	128 x 128	2-3 sec.	External
	CY 220	220 g	0.001 g	0.001 g	0.002 g	128 x 128	2-3 sec.	External
	CY 320	320 g	0.001 g	0.001 g	0.002 g	128 x 128	2-3 sec.	External
	CY 420	420 g	0.001 g	0.001 g	0.002 g	128 x 128	2-3 sec.	External
	CY 510	510 g	0.001 g	0.001 g	0.002 g	128 x 128	2-3 sec.	External
	CY 720	720 g	0.001 g	0.001 g	0.002 g	128 x 128	2-3 sec.	External
	CY 1003	1000 g	0.001 g	0.002 g	0.002 g	128 x 128	2-3 sec.	External
	CY 220C	220 g	0.001 g	0.001 g	0.002 g	128 x 128	2-3 sec.	Internal
	CY 320C	320 g	0.001 g	0.001 g	0.002 g	128 x 128	2-3 sec.	Internal
	CY 510C	510 g	0.001 g	0.001 g	0.002 g	128 x 128	2-3 sec.	Internal
DIMEN : 342.5 x 212 x 271	CY 1003C	1000 g	0.001 g	0.002 g	0.002 g	128 x 128	2-3 sec.	Internal

Top Loading Precision Balance 	CG 1202	1200 g	0.01 g	0.01 g	0.02 g	198 x 205	2-3 sec.	External
	CG 2202	2200 g	0.01 g	0.01 g	0.02 g	198 x 205	2-3 sec.	External
	CG 3102	3100 g	0.01 g	0.01 g	0.02 g	198 x 205	2-3 sec.	External
	CG 4102	4100 g	0.01 g	0.01 g	0.02 g	198 x 205	2-3 sec.	External
	CG 6102	6100 g	0.01 g	0.02 g	0.03 g	198 x 205	2-3 sec.	External
	CG 2202C	2200 g	0.01 g	0.01 g	0.02 g	198 x 205	2-3 sec.	Internal
	CG 4102C	4100 g	0.01 g	0.01 g	0.02 g	198 x 205	2-3 sec.	Internal
	CG 6102C	6100 g	0.01 g	0.02 g	0.03 g	198 x 205	2-3 sec.	Internal
	DIMEN : 342.5 x 212 x 89.5							

Moisture Analyzer 	MB 54C	50 g	0.1mg	0.01%	0.02%	90Ø		External
	MB 50C	50 g	0.001g	0.01%	0.05%	90Ø		External
	MB 200C	200 g	0.001g	0.01%	0.05%	90Ø		External
DIMEN : 335 x 210 x 158								

High Capacity Precision Balance 	SSH 96	10 Kg	0.01g	0.02 g	0.04 g	400 x 300	2-3 sec.	External
	SSH 95	15 Kg	0.1g	0.1 g	0.2 g	400 x 300	2-3 sec.	External
	SSH 94	20 Kg	0.1g	0.1 g	0.2 g	400 x 300	2-3 sec.	External
	SSH 94H	25 Kg	0.1g	0.1 g	0.2 g	400 x 300	2-3 sec.	External
	SSH 93	35 Kg	0.1g	0.1 g	0.2 g	400 x 300	2-3 sec.	External
	SSH 92	50 Kg	1g	1 g	2 g	400 x 300	2-3 sec.	External
	SSH 91	60 Kg	1g	1 g	2 g	400 x 300	2-3 sec.	External
	SSH 90	100 Kg	1g	1 g	2 g	400 x 300	2-3 sec.	External
	DIMEN : 517 x 302 x 130							



WORLD WIDE MARKETING

CITIZEN SCALE (I) PVT. LTD.

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