

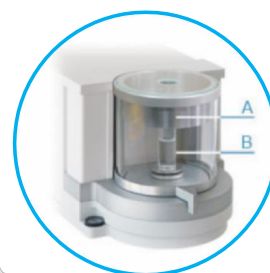
Pipette Micro Balance

CM 22P Series



Citizen®

ISO 9001 : 2008 CERTIFIED



CM 22P series of balances has been designed to meet high requirements for measuring small masses with readability of $d=1\mu\text{g}$. The weighing chamber has been specially designed for calibration of pipettes.

Non-centrally located aperture in the upper part of the chamber makes it easier to insert a pipette.

Such a Solution Limits possible air draughts. Pipette calibration may be Conducted with a closed weighing Chamber. Micro Balances are equipped with graphic display with extended user menu. In order to guarantee proper accuracy of measurements, automatic system of calibration has been applied. Microbalance consists of two components. One of them contains electronic modules, and the other precise mechanical measuring system. Such solution guarantees elimination of temperature changes influencing the indication of the micro balance.

Microbalance features esthetic, cylindrical-shaped weighing chamber. All the elements of the weighing chamber are made of glass, which minimizes the influence of electrostatic charges on the weighing result. Microbalance software allows for composition of GLP procedures as standard printout or as freely definable non-standard printout. Balance series CM 22P is equipped with RS232, output and possibility of connecting additional display as standard.

Model	CM 22P
Capacity	22 gm
Readability	$1\mu\text{g}$
Repeatability (sd)	$2\mu\text{g}$
Linearity (+/-)	$10\mu\text{g}$
Pan Size (mm/inch)	50Ø / 2.0"Ø
Response Time	8 - 10 sec.
Calibration	Perfect Auto Internal Time & Temp. Controlled Smart Calibration
Display	Backlite Alpha Numeric Display with A.E.P.
Sensitivity Drift	2ppm (2×10^{-6} / °C)
Minimum Weight (USP)	6.3 mg
Minimum Weight (U=1%, K=2)	0.4 mg
Interface	RS 232
Tare Range	Full
Operating Temp.	18°C to 30°C
Power Supply	A/C Adaptor 230V or 115V +/- 20% 50-60Hz
Compliance	ISO GLP / GMP Compliance
Weighing Chamber	90 mm Ø
Net Wt. / Gross Wt.	10.20 kgs / 14.70 kgs
Packing Size	565 x 565 x 355 / 22.2" x 22.2" x 14"

WORLD WIDE MARKETING

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