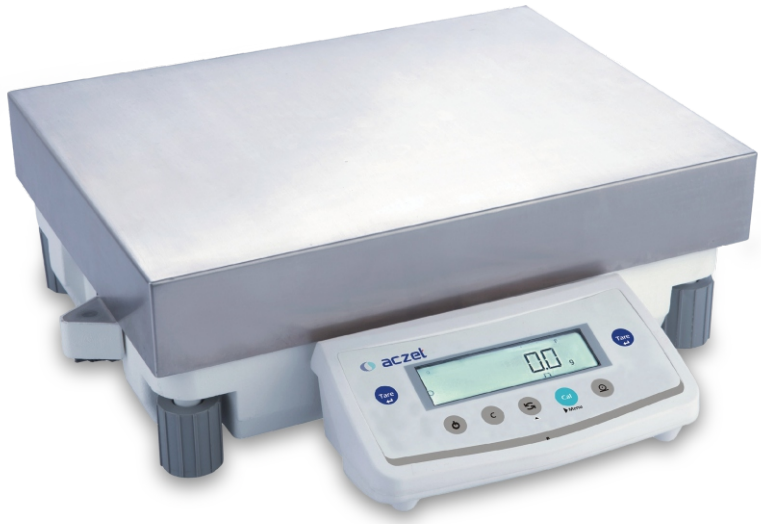
Technical Data

aczel®
...Since 1986



The Briliant Mono-Tech
Unique & Unequalled high end MONO-TECH technology (Weigh Sensor) to match the highest international standards.

External Calibration
Automatic setting up of the balance accuracy. External test weight required

Overload Protection
Capacity tracker built into display for easily monitoring possible overloads.

Excellent Readability
High-contrast, backlit display 15mm digits size is exceptionally easy to read under any room lighting conditions.

Below Weighing Hook
Hook for weighing below the balance.

Automatic shut off
Save power with auto power-off function after 10 minutes of inactivity

Construction
Durable construction with metal base, ABS housing, and large stainless-steel weighing pan allows quick cleaning. Level indicator and adjustable feet ensure proper balance setup

CY Series Top Pan Precision Balances

Standard Level

Model	CY 15001H	CY 20001H	CY 25001H	CY 35001H	CY 50000H
Maximum Capacity	15 kg	20Kg	25 kg	35 kg	50 kg
Minimum load	10 gm	10 gm	10 gm	10 gm	-
Readability	0.1 gm	0.1 gm	0.1 gm	0.1 gm	1 gm
Repeatability (sd)	0.1 gm	0.1 gm	0.1 gm	0.1 gm	1 gm
Linearity (±)	0.2 gm	0.2 gm	0.2 gm	0.2 gm	2 gm
Tare Range (Subtractive)	-15 kg	-20 kg	-25 kg	-35 kg	-50 kg
USP Minimum Weight	82 gm				820 gm
Pan Size (mm)	370 x 260				
Response Time	2 - 3 Sec.				
Display	Alpha Numeric Backlite LCD Display				
Calibration	External Calibration				
Units of measure	gm, mg, ct, GN, mo, oz, dwt, t1T, t1H, t1S, mom, Bat, MS				
Operating Temp.	15° to 35°C				
Sensitivity Drift.	± 2ppm (2 x 10^{-6} / °C)				
Interface	RS 232C Optional USB (Windows direct communication).				
Application Modes	PCS, % Weighing, Animal / Dynamic Weighing, Check Weighing, Automatic Density Determination, etc.				
Power Supply	DC Adaptor,input 100 ~ 240 0.8A output 13V / 15.A, 50-60Hz				
Compliance	ISO, GLP / GMP & USP				
Balance Size (W x D X H) mm	517 x 302 x 130				
Weight Approx	16.3 kg				

Typical minimum sample weight according to USP Chapter41