



### Flameproof Encloser

Precision Balance series CY-F are designed for fast and Precise determination of mass in laboratory and industrial conditions in explosive areas.

### The Brilliant Mono-Tech

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

### Overload Protection

Capacity tracker built into display for easily monitoring possible overloads.

### GLP

Built-in clock make all your documents ISO / GLP / GMP compliance.

### Class I:

Locations in which hazardous concentrations of flammable gases or vapors exist.

### Class II:

Locations which are hazardous due to the presence of combustibile or electrically conductive dust or fibers.

### Group A:

Atmospheres containing acetylene.

### Group B:

Atmospheres containing hydrogen, gases or vapors of equivalent hazard, such as manufactured gas.

## CY-F Series Flame Proof Balances

Professional / Standard Level

Model	CY 224F-C	CY 224F	CY 223F	CY 323F	CY 513F	CY 3102F	CY 4102F	CY 6102F
Maximum Capacity	220 gm	220 gm	220 gm	320 gm	510 gm	3100 gm	4100 gm	6100 gm
Minimum load	10 mg	10 mg	20 mg	20 mg	20 mg	500 mg	500 mg	500 mg
Readability	0.1 mg	0.1 mg	0.001 gm	0.001 gm	0.001 gm	0.01 gm	0.01 gm	0.01 gm
Repeatability (sd)	0.1 mg	0.1 mg	0.001 gm	0.001 gm	0.001 gm	0.01 gm	0.01 gm	0.01 gm
Linearity (±)	0.2 mg	0.2 mg	0.002 gm	0.002 gm	0.002 gm	0.02 gm	0.02 gm	0.02 gm
Tare Range (Subtractive)	-220 gm	-220 gm	-220 gm	-320 gm	-510 gm	-3100 gm	-4100 gm	-6100 gm
USP Minimum Weight	160 mg		1 gm			82 gm		
Pan Size (mm)	90 Ø		128 x 128 mm			198 x 205 mm		
Response Time	3 Sec.		2 - 3 Sec.					
Display	Alpha Numeric Backlite LCD Display							
Calibration	Internal	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 <sup>-6</sup> / °C)							
Interface	RS 232C Optional USB (Windows direct communication).							
Application Modes	PCS, % Weighing, Animal / Dynamic Weighing, Check Weighing, Automatic Density Determination, Formulation Automatic Statistic Calculator 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