



E-catalogue



Explosion-proof Balances FBA-3

An explosion-proof bench scale is a table-top weighing platform approved for use in classified hazardous areas by regulatory authorities.

Hazardous-area scales provide safe, efficient and reliable weighing in potentially explosive environments for loads of 200 g-1000 g

Readability [d]: 0.001 g

Maximum capacity [Max]: 200 g - 1000 g

Features:

Fully explosion-proof construction, safe and reliable

Be compact in hazardous areas.

Ex-mark: Exd II B T4 Gb

12mm precision-cast aluminum casing

Aluminum alloy frame with explosion-proof glass windshield

High-precision electromagnetic force transducer

Overload and underload alarms

Temperature compensation and timed calibration

Applications:

Petrochemical and oil refining industry;

Pharmaceutical and fine chemical industry;

Explosive component formulation in the ordnance industry;

Aerospace and military industry;

Laboratories and R&D institutions.

Construction:

Metal base, 12mm precision-cast aluminum casing, stainless steel pan, explosion-proof glass windshield

Model	FBA-1000-3	FBA-500-3	FBA-300-3	FBA-200-3
Max.(Capacity)	1000 g	500 g	300 g	200 g
Readability(d)	0.001 g(1 mg)			
Minimum Weight (U=1%, k=2), typical	0.01 g			
Repeatability(±)	0.001 g			
Linearity(±)	0.002 g			
Sensitivity Drift	±2 ppm/°C			
Min.(Capacity)	0.01 g			
Make	LT			
Calibration	Motorized External Calibration			
Class	Class I			
Display	LCD			
Response Time	3-5 Sec			
Pan Size(mm)	φ 90 mm			
Tare Range	Full			
Operating Temperature	+10°C to +40°C			
Humidity	20%RH~85%RH			
Hazardous Area	Zone 1/21, Division 1 ; Zone 2/22, Division 2			
Weighing Chamber Size	175×175×185 mm			
Unit	g,mg,oz,ct,lb,ozt,dwt			
Application Mode	PCS/Percent Weighing,Animal Weighing,Density,Totalizing,(Add)Weighing			
Baud Rate Options	1200,2400,4800,9600			
Interface	RS232C			
Power Supply	DC24V, AC 220V/50-60 Hz			
Dimension (LxWxH)	335×205×293 mm			
Gross Weight	18 kg			
MOQ	1 Set			
Customs Tariff Number	9016001000			

Specifications:

Note:

Standard Accessories: Main Instrument,Weighing Pan,Ring,Power Adaptor,Antivibration Pad,Test Certificate