

Explosion-proof Balances FBA-K



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 10 kg-60 kg

Readability [d]: 1 g-0.1 g

Maximum capacity [Max]: 10 kg - 60 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

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

Specifications:

Model	FBA-30K-1	FBA-20K-1	FBA-10K-1
Max.(Capacity)	30 kg	20 kg	10 kg
Readability(d)	0.1 g		
Minimum Weight (U=1%, k=2), typical	1 g		
Repeatability(±)	0.1 g		
Linearity(±)	0.2 g		
Sensitivity Drift	±2 ppm/°C		
Min.(Capacity)	1 g		
Make	LT		
Calibration	Motorized External Calibration		
Class	Class II		
Display	LCD		
Response Time	3-5 Sec		
Pan Size(mm)	390 x 350 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		
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)	365×255×165 mm		
Gross Weight	40 kg		
MOQ	1 Set		
Customs Tariff Number	9016001000		

Note:

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