



DS Series Precision Weighing Scale



Overview

This top of the line precision balances has been known for delivering accurate weighing results over and over again. A large 30 mm high LCD display with backlight, applications for parts counting, with built in Battery Backup, Auto Sleep function, Anti Slip adjustable feet, level bubble and Colour coded and sealed keypad makes it a true winner in its class. Recommend by customers for its simple to use design.

Range

Model No	HSN Code	Capacity	Accuracy	Resolution	Platform Size	MOC Housing	MOC Pan
DS-220	8423 8100	3 kg	100 mg	1/30000	315 x 220 mm	ABS Plastic	Stainless Steel 304
DS-220	8423 8100	6 kg	200 mg				
DS-220	8423 8100	15 kg	500 mg				
DS-220	8423 8100	30 kg	1g				

Standard Features

- Tare Function
- Counting Function
- Zero Tracking
- Check Weighing Function
- Hold Function & Peak Hold Function
- In-built Battery Charger*
- Weight Stable Indication
- Auto Sleep Function To Save Battery
- Over-Load Protection & Indication
- Battery Power Indication & Low Battery Indication
- In Built RS 232 For Interface With Computer
- Key Board : 8 Tactile Keys Color Coded Key Board
- Battery Back-up : 6V/4.5Ah – 48 Hours of Operations

Technical Specification

Model	DS
Description	Digital Weighing Precision Table Top Scale
Physical Dimension	330 x 345 x 115 mm (±5 mm)
Net Weight	Approx 3.5 Kg (Without Battery)
Weight Sensor	Aluminum Loadcell-IP 65
Processor	8 Bit Arm Processor
Key Board	8 Tactile Keys
Display Type	LCD with Symbols & MOON Backlight
No. Of Display Window	Display (Front & Back Display)
Display Size	30 mm - Front Display & 20mm - Back Display
Repeatability	±1d
Linearity	±1dAt Half Load & ±2d At Full Load
Creep	±2d(for 3 minutes with full capacity)
Calibration Method	External Calibration Software Based
Power Connector	3 Pin Mains Cord (5A)
Power Supply	150 V to 230 V (AC)
Frequency	50 Hz
Power Consumption	< 2 Watt Approx.
Operating Temperature	0°C to 45°C
Operating Humidity	95% RH Max (Non-Condensing)
Battery Capacity	6V / 4.5 AH
Over-load	100% Of Scale Capacity +9e
Safe-load	150% Of Scale Capacity
Stabalisation Time	< 3s
Internal Resolution	20 Bit ADC - 10,00,000+ Counts
Sampling Rate	20 Samples / Sec

*Note: Battery will not be supplied with the scale.

Factory Options

- Opt 113 - USB Output for Connection to PC.



Gallery



Front Panel



Level Indicator



Colour Coded Keypad



*Models and the specification are subject to change without any prior notification.

*For non standard equipment consult factory.

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