



# Eagle<sup>®</sup>

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## econ



### Jewel Series

Precision Balance



### OVERVIEW

ECON Jewel Series Balance is designed with high quality housing to guard against shock and overload to protect the load cell, with easy to view high contrast LCD display with moon backlight. Its unique draft shield eliminates wind disturbances outdoors or in drafty environments. With multiple units of weight to choose from it pays to invest in ECON Jewel Series Balance as it delivers accurate, trustworthy and repeatable results - GOOD FOR YOUR BUSINESS AND PEACE FOR YOUR MIND.

### RANGE

Model No	HSN Code	Capacity	Accuracy	Resolution	Platform Size	MOC Housing	MOC Pan
Jewel 110	90 16 00 00	620 g	10 mg	1/62000	130 mm Ø	ABS Plastic	Stainless Steel 304
Jewel 110	90 16 00 00	1200 g	10 mg	1/120000			
Jewel 120	90 16 00 00	620 g	10 mg	1/62000			
Jewel 120	90 16 00 00	1200 g	10 mg	1/120000			

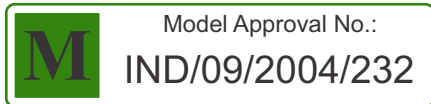
### STANDARD FEATURES

- Tare Function.
- Counting Function.
- Paper Thickness Measurement - GSM UNIT.
- Battery Level Indication.
- Inbuilt Battery Charger\*.
- Weight Stable Indication.
- Over Load Indication.
- Foldable Shield for Wind Protection.
- External Calibration Software Based - Single Key Procedure
- 4 Keys Colour Coded Key Board.
- Battery Back-up: 6V / 1.3 AH - 24 Hours+ When Battery is Fully Charged.
- 14 Weighing Units.
- Test Weight for Calibration.
- Anti-Slip Adjustable Levelling Feet.
- Zero Tracking.

### TECHNICAL SPECIFICATION

Physical Dimension	265 x 187 x 168 mm (±5 mm)
Net Weight	JEWEL 110 - 1.3 kg. Approx. (Without Battery) JEWEL 120 - 1.5 kg. Approx. (Without Battery)
Weight Sensor	Precision Aluminum Load Cell - IP65
Processor	8 Bit Micro Controller
Key Board	4 Keys
Display Type	LCD with Symbols With Moon Back Light
No. of Display Window	110 - Front + Back Display 120 - Front + Remote Display
Display Size	20 mm - Front Display 12.5 mm - Back or Remote Display in case of Jewel 120
Platter Size	130 mm Diameter
Repeatability	± 1d
Linearity	± 1d At Half Load & ± 2d At Full Load
Creep	± 2d (after 3 Mins on Full Load of Scale)
Calibration Method	External Calibration Software Based - Single Key
Power Connector	9 V DC Adaptor
Power Supply	160 V to 230 V (AC)
Frequency	50 Hz
Power Consumption	Less than 5 Watt
Operating Temperature	0°C to 40°C
Operating Humidity	95% RH Max (Non - Condensing)
Battery Capacity	6V / 1.3 AH
Over-load	100 % Of Scale Capacity +9e
Safe-load	150 % Of Scale Capacity
Stabalisation Time	< 4s
Internal Resolution	20 Bit ADC (10,48,576 Counts)

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



### GALLERY



Jewel 110 - built in rear display



Jewel 120 - remote display



Free test weight - 500 gms



Eagle's precision - SMD PCB



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

\*For non standard equipment consult factory

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