

# 120

DIGITAL WEIGHT  
INDICATOR



**RICE LAKE**<sup>®</sup>  
WEIGHING SYSTEMS

To be the best by every measure<sup>®</sup>

800-472-6703

[www.ricelake.com](http://www.ricelake.com)  
[m.ricelake.com](http://m.ricelake.com)

120

DIGITAL WEIGHT  
INDICATOR

## Where Economy and Performance Meet

With the 120, there is no need to sacrifice quality for price. This digital weight indicator is designed to be a reliable, cost-effective solution for material handling or shipping and receiving applications.

The 120 drives up to four 350Ω load cells. And three-stage digital filtering provides stable, accurate weight data. The 120's five-button tactile front panel and easy-to-read LED display help to make scale operations effortless. Two independent communication ports provide full EDP and print ticket programmability.

## A Combined Effort

Purchase the 120 alone, or buy it with one of our quality bench or floor scales. We've paired the 120 with a bench scale as an economic bundled option. The 17" x 21" stainless steel platform is an ideal size for a range of applications.



Additionally, we offer a floor scale and indicator package that combines the 120 with the Summit 3000 Floor Scale. They arrive at your location corner trimmed and calibrated for 5000 divisions.



Program a ticket format with the 120.  
Use up to 180 characters.

### Standard Features

- Large .8" (20 mm) Red Light Emitting Diode (LED) display
- 30 updates per second selectable
- Power for four 350Ω load cells
- Primary/secondary unit configuration: lb, kg, ounces, grams
- 5-button operation
- Two independent communication ports: (1) full duplex, (1) unidirectional or active 20 mA current loop
- Standardized EDP command sets
- Programmable ticket format for up to 180-character printout
- Full front-panel digital calibration and configuration
- Tilt stand
- Three-stage digital filtering
- Consecutive transaction numbering
- Time and date (volatile)

### Options/Accessories

- External disconnect
- Load cell plug
- Revolution III Scale Software
- Additional operating manual

### Specifications

Line Voltages:	115 or 230 VAC with AC adapter
Power Consumption:	70 mA @ 115 VAC (8W) 35 mA @ 230 VAC (8W)
Excitation Voltage:	5 ± 0.5 VDC, 4 x 350Ω load cells
Analog Signal Input Range:	0.6 mV/V - 3.0 mV/V
Analog Signal Sensitivity:	0.3 μV/graduation minimum, 1.5 μV/grad recommended
Resolution:	Internal resolution: 1,000,000 internal graduations
Display Resolution:	100,000 displayed graduations
Measurement Rate:	30, 15, 7, 3 per second
System Linearity:	Within 0.01% of full scale
Circuit Protection:	RFI, EMI, ESD protected
Serial Output:	7 or 8 data bits; even, odd or no parity
Printer Port:	Output-only RS-232 or active 20 mA current loop
EDP Ports:	Full duplex RS-232 (300-38400 bps)
Display:	0.8 in (20 mm), 6-digit Super Red Light Emitting Diode (LED) display, 7-segment, number digits
Status Annunciators:	Designators for: center of zero, stand still, gross, net, lb, kg, oz, g
Keyboard:	5-key flat membrane panel, tactile feel
Operating Temperature:	-10°C to 40°C/14°F to 104°F (legal) -10°C to 50°C/14°F to 122°F (industrial)
Warranty:	One-year limited warranty

### Approvals



Measurement  
Canada  
Approved



Your Rice Lake Weighing Systems distributor is:

**RICE LAKE**  
WEIGHING SYSTEMS®  
To be the best by every measure®

230 W. Coleman St. • Rice Lake, WI 54868 • USA  
TEL: 715-234-9171 • FAX: 715-234-6967 • [www.ricelake.com](http://www.ricelake.com)

An ISO Registered Company © 2012 Rice Lake Weighing Systems PN 87915 1/12  
Specifications subject to change without notice.