

# 120

DIGITAL WEIGHT INDICATOR



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

800-472-6703

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



*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 350 Ω 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

<b>LINE VOLTAGES:</b>	115 or 230 VAC with AC adapter
<b>POWER CONSUMPTION:</b>	70 mA @ 115 VAC (8W) 35 mA @ 230 VAC (8W)
<b>EXCITATION VOLTAGE:</b>	5 ± 0.5 VDC, 4 x 350 Ω load cells
<b>ANALOG SIGNAL INPUT RANGE:</b>	0.6 mV/V - 3.0 mV/V
<b>ANALOG SIGNAL SENSITIVITY:</b>	0.3 μV/graduation minimum, 1.5 μV/grad recommended
<b>RESOLUTION:</b>	Internal resolution: 1,000,000 internal graduations
<b>DISPLAY RESOLUTION:</b>	100,000 displayed graduations
<b>MEASUREMENT RATE:</b>	30, 15, 7, 3 per second
<b>SYSTEM LINEARITY:</b>	Within 0.01% of full scale
<b>CIRCUIT PROTECTION:</b>	RFI, EMI, ESD protected
<b>SERIAL OUTPUT:</b>	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)
<b>DISPLAY:</b>	0.8 in (20 mm), 6-digit Super Red Light Emitting Diode (LED) display, 7-segment, number digits
<b>STATUS ANNUNCIATORS:</b>	Designators for: center of zero, stand still, gross, net, lb, kg, oz, g
<b>KEYBOARD:</b>	5-key flat membrane panel, tactile feel
<b>OPERATING TEMPERATURE:</b>	-10°C to 40°C/14°F to 104°F (legal) -10°C to 50°C/14°F to 122°F (industrial)
<b>WARRANTY:</b>	One-year limited warranty

### APPROVALS



Measurement  
Canada  
Approved

