

## Specifications

**Line Voltages: 115 or 230 VAC,**

Frequency: 50 or 60 Hz

**Power Consumption:**

340 mA, maximum at 115VAC (26W)  
240 mA at 230VAC (26W)

**Excitation Voltage:**

10 ± VDC, 16 x 350 Ω A/D card

**Analog Signal Input Range:**

-10 mV to +45 mV

**Analog Signal Sensitivity:**

0.3 µV/graduation minimum at 7.5 Hz  
1.0 µV/graduation typical at 120 Hz  
4.0 µV/graduation typical at 960 Hz

**A/D sample rate:**

7.5 to 960 Hz, software selectable

**Resolution:**

Internal Resolution: 8 million counts/8,000,000

**Weight Display Resolution:**

9,999,999

**System Linearity:**

± 0.01% full scale

**Digital I/O:**

Six I/O channels on CPU board; optional 24-channel I/O expansion boards available

**Circuit Protection:**

RFI, EMI, ESD protection

**Serial Ports:**

Four ports on CPU board support up to 115,200 bps; optional dual-channel serial expansion boards available

Port 1: Full duplex RS-232

Port 2: RS-232 with CTS/RTS;

PS/2 keyboard interface via DB-9 connector

Port 3: Full duplex RS-232, 20 mA output

Port 4: Full duplex RS-232, 2-wire RS-485, 20 mA output

**Display:**

(W x H) 4.6 x 3.4 in (116 x 86 mm)  
320 x 240 pixel VGA liquid crystal display (LCD) module with adjustable contrast

**Keyboard:**

27-key membrane panel, tactile feel, PS/2 port for external keyboard connection

**Operating Temperature:**

14° F to 104° F (-10° C to 40° C)

**Industrial:**

14° F to 122° F (-10° C to 50° C)

**Dimensions:**

Deep Universal: (W x H x D) 10.75 x 10.75 x 5.4 in (273 x 273 x 137 mm)

Panel: (W x H x D) 14 x 19.6 x 6.75 in (356 x 499 x 171 mm)

Wall Mount: (W x H x D) 11.56 x 9.16 x 5.2 in (294 x 233 x 132 mm)

**Weight:**

Panel Mount Enclosure: 8.5 lb (3.9 kg)

Deep Universal: 11 lb (5.0 kg)

Wall Mount Enclosure: 23 lb (10.4 kg)

**Rating/Material:**

NEMA Type 4X/IP66, stainless steel

**Warranty:**

Two-year limited warranty on integrator and load cells

**Approvals:**

CE Marked

UL/cUL Listed (deep and wall mount enclosure)

UL/cUL Recognized (panel mount)



920i® Integrator

## Standard Features

- Large (W x H) 4.6 x 3.4 in 320 x 240 pixel backlit LCD graphical display
- NEMA Type 4X/IP66 stainless steel display enclosure
- Four bidirectional communication ports
- Rate and speed time displayed by the hour, minute or second
- Measurement displayed in feet or meters
- Unit of rate displayed in tons, pounds, kilograms, metric tons or long tons
- Digital I/O for totalizer
- Optional analog and alarm outputs
- For added security, integrator has the ability to be password protected
- Optional communication protocol cards include ControlNet, Rockwell Automation's DeviceNet, Rockwell Automation's Remote I/O, Rockwell Automation's EtherNet IP, Profibus DP, 0-10 VAC or 4-20 mA analog output, Ethernet TCP/IP,
- Standard communication RS-232, RS-485, 20 mA current loop
- Built-in support for ticket printing

## APPROVALS



## Part Number/Price

Part #	Description	Price
<b>Integrators</b>		
95214	Belt scale integrator 115VAC, deep enclosure	Consult
95215	Belt scale integrator 230VAC, deep enclosure	Consult
170693	Belt scale integrator, panel mount	Consult
170694	Belt scale integrator, wall mount	Consult
107615	Belt scale integrator with UPS 115VAC	Consult
107616	Belt scale integrator with UPS 230VAC	Consult
120550	Belt scale integrator with deep enclosure, two slot expansion, EtherNet IP for A-B, 115V	Consult
120551	Belt scale integrator with deep enclosure, two slot expansion, EtherNet IP for A-B, 230V	Consult
150811	Belt scale integrator with deep enclosure, two slot expansion, analog output	Consult
69782	Two-slot expansion board (wall mount)	Consult
71743	Two-slot expansion board (panel mount & deep universal)	Consult
98057	Ethernet TCP/IP, wireless LAN card 802.11 B/G	Consult
87803	Ethernet IP (specifically for A-B PLC)	Consult
67602	Analog output: selectable 0-10V, 0-20 mA	Consult

Please complete the Belt Scale Application on page 179 to obtain a firm quote  
See Indicators for additional 920i options