

## Rinstrum R323



### R323

- Tough stainless steel flush mount version
- Stainless steel wall/desk mount version with two stand options
- Internal AC version

(versatile powering)

#### AC, DC and battery

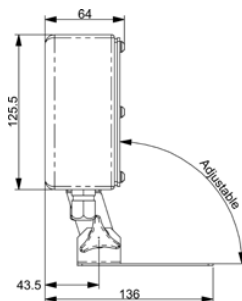
Wide DC operation (7 - 24V) to suit a variety of onboard OEM applications. Supports battery packs from 4.8V to 24V.

The rechargeable battery version is designed to achieve maximum time between recharges

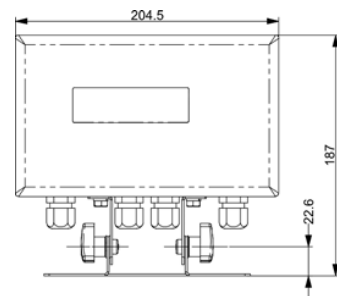
- Up to 75 hours (single load cell and no backlight) of continuous operation between charges depending on configuration
- Battery charging indication on charger
- Settable power save auto off feature
- Backlight off option
- Low battery indicator

#### R323 Dimensions

##### Side View with Stand



##### Front View with Stand



Performance		R310	R320	R323
Resolution		Up to 30,000 divisions, minimum of 0.25µV/division, 20 updates/second		
Approvals		FCC, CE, C-tick, Trade Approval Australia NMI(S-420) 4,000 d @0.8uV/d Trade Approval Europe OIML R76 4,000 d @0.8uV/d		
Zero Cancellation		+/- 2.0mV/V		
Span Adjustment		0.1mV/V to 3.0mV/V full scale		
Excitation		5 volts for up to 4 x 350 or 8 x 700 ohm load cells (4-wire or 6-wire plus shield) Maximum total load cell resistance: 3,500 ohms		
A/D Type		24bit Sigma Delta with 8,388,608 internal counts		
Operating Environment		Temperature: -10 to +50°C ambient Humidity: <90% non-condensing Storage: -20 to +50°C ambient IP65 when panel mounted or with stainless steel or ABS boot		
Display		LED Backlit LCD with six 20mm high digits with units and annunciators		
Setup and Calibration		Full digital with visual prompting in plain messages		
Digital Filter		Sliding window average from 0.1 to 4.0 seconds		
Zero Range		Adjustable from +/-2% to +/-20% of full capacity		
Standard Power Input		7 to 24VDC, 4.8, 9.6, 12 and 24V batteries (2.5 VA max) ON/OFF key with memory feature		
Variants	AC	AC Plug pack: 110/240VAC 50/60Hz in 12VDC 1.5A out		AC Power supply: 110/240VAC 50/60Hz in 12VDC 1.2A out
	Battery	4 x AA batteries (Alkaline or rechargeable NiMH, NiCad, etc.) 2.5Ah 12V NiMH rechargeable battery pack with IP65 boot		12V battery pack (rechargeable NiMH)
Optical Data Communications		Magnetically coupled infra-red communications Conversion cables available for RS-232 or USB		
Correction		Ten point linearity correction		
Serial Outputs		-	RS-232 automatic transmit, network or printer outputs. Transmission rate: 2400, 4800 or 9600 baud	
Assignable Function Key		-	1	
Input/Outputs		-	2 Outputs - isolated transistor drive outputs (300mA total at 50VDC)	
Battery Backed Clock Calendar		-	Battery life 10 years minimum	
Functions		-	Unit switching, counting, manual hold, peak hold, live weight and totalising. High Res, Auto Tare, Show Setpoints.	
Setpoints		-	2	
Remote Input (shared with comms port)			1	
Case Materials		ABS Housing ABS, Silicon Rubber, Nylon, Acrylic (no halogen used)		Stainless Steel Flush Mount
Packing Weights		Basic Indicator: 0.34kg		Basic Indicator: 0.49kg
Optional Mounting		ABS desk mount ABS waterproof boot (IP65) Stainless steel stand for pole or wall mount		Stainless steel desk/wall mount