RFS Scales – Data Sheet

Rinstrum Floor Scales are durable and cost-effective. They come with a mild steel platform and are equipped with Stainless Steel load cells. The base can be paired with a variety of indicators depending on the functionalities required and operating environment. The scale platforms can be provided in multiple frame sizes on request to cater to specific applications.

- Stainless Steel load cell
- Mild Steel frame/pan
- Standard sizes are 48in (122cm) x48in (122cm) and 60in (152cm) X 60in (152cm). Options available from 18in (46cm) x 18in (46cm) up to 120in (305cm) x120in (305cm)
- Max Capacity
    - 1,000 to 20,000 lbs

Rugged Construction

- Heavy duty construction for Tough Industrial environments
- Four Stainless Steel NTEP Certified Load cells
- Stainless Steel (Captured Ball in Foot) Load cell Feet
- Epoxy primer with Epoxy Finish coat

Simple Maintenance and Operation

- Adjustable leveling feet
- Stainless Steel Junction box

Proven Rinstrum Indicators

- NTEP Certified R320 or IP69 waterproof X320 indicators for general purpose weighing
- NTEP Certified R420/R423 for integrated Weighing solutions
- NTEP Certified C520 for connection with Ethernet IP or other PLC protocols

R320 Indicator

- ABS Housing with silicon keys
- AC/DC/ 4AA Battery Power Options
- Super low-cost option weight display only
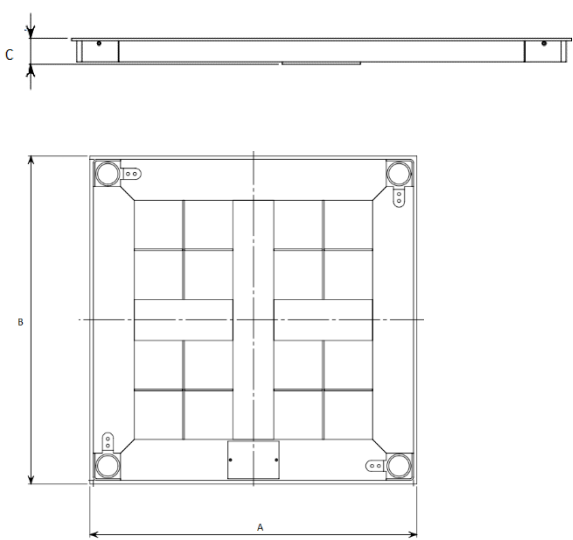- Clock calendar, printing available depending on firmware

X320 Indicator

- Tough enclosure – Impact resistant composite alloy housing
- IP68 and IP69K rated
- AC/DC/Battery Power Options
- 3 band check weighing

Firmware Specification Table

Firmware	R300 Series	X300 Series
Functions	**K342** Basic weight only **K344** Basic weighing + RS232 + Basic printing **K346** Basic weighing + RS232 + Basic printing + Set points **K354** Basic weighing + RS232 + Custom printing + Clock **K356** Basic weighing + RS232 + Custom printing + Clock + I/O + Set points	**K376** Basic weighing + programmable function key + Basic check weighing + printing **K378** Basic weighing + function key fixed to check weighing + advanced check weighing + printing.

RFS Scales Dimensions

Dimension

Dimension	4 x 4	
	mm	in
A	121.92	18-120
B	121.92	18-120
C	6.35	2.5

RFL Scales Specification Table

Product	RFL	
Load Cell IP Rating	IP68 with welded seal	
	18in (122mm) x18in (122mm) up to 120in (305mm) x120in (305mm) Standard size is 48x48 and 60x60. All others built on request (Special sizes available on request)	
Max Capacity (lbs)	1,000 - 20,000 lbs	
Materials		
Platform	Mild Steel	
Load cell	Stainless Steel	
Indicator	**R320**	**X320**
Material	ABS	PC+Polyester alloy, PBT, Silicon Rubber
Keypad	5 Keys	
Display	LED Backlit LCD with six 20mm (0.8") high digits with units and annunciators	
Repeatability	+/- 1 division	
Linearity	+/- 1 division	
Power Source		
DC	12V battery pack (rechargeable NiMH) (using M3117 or M3118 accessory)	12 to 24VDC, 9.6,12 and 24V batteries (2.5 VA max) ON/OFF key with memory feature
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 (G Version or using M3001 accessory)	12V battery pack (rechargeable NiMH)
IP Rating Indicator	IP65	IP68/69K
Data Output	RS232 automatic transmit, network or printer outputs.	
	Transmission rate: 2400, 4800, 9600 or 19200 baud	

Specifications are subject to variation for improvement, without notice.
Illustrations are indications only and variation may be evident between products.