

XA – R300 Series Bench Scales – Data Sheet



R320 with XA-A base shown

The XA series bases build on Rinstrum’s smart weighing solutions with the introduction of a scale base that combines our proven R3 series indicators with a coated steel frame and stainless steel base.

XA-A series bases

- Aluminium load cell
- Mild steel coated frame
- Stainless steel pan/post/stand
- 310mm x 310mm pan
- R310, R320 or R420 indicator

Capacities

- 30kg (30 x 0.002kg)
- 60kg (60 x 0.005kg)



XA-A base shown

built to last

- 6mm robust frame
- Over load protection stops
- 1.2mm thick pan
- Overload recording increments every time the scale is overloaded



easy maintenance & operation

- Clear open frame –
 - Easy to keep clean.
- Removable low sided pan
 - Deflect splatter
- Sturdy pan construction –
 - No warping
- Ergonomic shaped pan –
 - To assist operators
- 2 Axis rotating head –
 - For best operator viewing angle



proven R3 series indicators

Clear highly visible display

20mm LCD display with LED backlight High contrast, improves operator visibility and accuracy of reading the weight.

Customise

Programmable function key* Improves operator productivity.
 Printing can be customised* Easier setup and reduces the need for additional external programming.
 Built in clock calendar* Allows for traceable dockets to be printed, requiring a less sophisticated printer, saving costs.

Built in communications and outputs

Built in RS232 communications* Connection to PC, printer and remote display
 Two Isolated outputs* High side driver up to 300mA

Versatile power options AC, DC or 4 AA Battery

Protect lens over LCD Durability maximised with the protective lens over the LCD to reduce risk of damage from knocks

Features* Counting for inventory control
 Live Weigh for animal weighing

*features not available on R310

Specifications

Product	XA-A	
Capacity (kg)	30kg (30 x 0.002kg) 60kg (60 x 0.005kg)	
Pan Size (LxWxH)	310mm x 310mm x 80mm	
Materials	6mm frame - 8mm plate	
Frame	Mild Steel – Powder Coated	
Pan	304 Stainless Steel	
Feet	Glass Filled Nylon and Synthetic Rubber	
Load cell	Aluminium	
IP Rating Base	IP67	
Instrument	R310	R320
Net Weight	9kg	
Shipping Weight	10.5kg	
Repeatability	+/- 1 division	
Linearity	+/- 1 division	
Display	6 character LCD. 20mm high. LED backlight.	
Keypad	6 key silicon keypad	
Power Source		
DC	7 to 24VDC, 4.8, 9.6,12 and 24V batteries (2.5 VA max) ON/OFF key with memory feature	
AC	AC plug pack Input: 110/240VAC 50/60Hz Output: 12VDC 1.5A	
Battery	4 x AA batteries (Alkaline or rechargeable NiMH, NiCad, etc.) 2.5Ah 12V NiMH rechargeable battery pack with IP65 boot Charger Input: 110/240VAC 50/60Hz Output: 12VDC	
Ambient Temp	-10 - +40 °C	
IP Rating Indicator	IP65	
Serial Outputs	-	RS-232 automatic transmit, network or printer outputs. Transmission rate: 2400, 4800 or 9600 baud
Set points	-	2
Assignable Func. Key	-	1
Input/Outputs	-	2 Outputs - isolated transistor drive outputs (300mA total at 50VDC)
Functions	-	Unit switching, counting, manual hold, peak hold, live weight and totalizing
Remote Input (shared with comms port)	-	1

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

