



agWEIGHr-R320

- 20mm (0.8in) LCD display with LED backlight
- Tough, compact dust and waterproof ABS housing
- Stainless steel bracket for flexible mounting
- Animal weighing connected to agWEIGHr load bars



agWEIGHr-X320

- Dust, rain, hail, flood, urea, impact resistant and high pressure hose down proof composite alloy housing.
- Simple operation and user friendly for first time users.
- Universal stand suitable for mounting on a desk, wall, post, pole, stump or even on machinery.
- Capacitive keys, no worn out or sticking keys, no buttons to fail.
- Animal weighing connected to agWEIGHr load bars
- Option: Bluetooth EID connections, auto drafting, 10,000 records



agWEIGHr Hanging Scale

- 300kg (700lb)
- Weather resistant housing
- Internal rechargeable NiMH battery
- Option: EID compatible, 10,000 records



agWEIGHr Load Bars

- Stainless steel frame and load cell
- Range of sizes from 600mm through to 1200mm
- Range of capacities from 2t – 4t with excellent load sensitivity.
- Mounting holes on feet extend beyond top covers to simplify bolting down;
- Waterproof M12 quick connectors for hassle free connections - connect directly to R320 or X320
- Extendable, replaceable and removable cables



agWEIGHr LeverMount Kit



- Easily configurable for radial or tangential mounting on tanks, silos, crushes and race platforms
- Inbuilt anti lift ideal for windy conditions and swivel mount for uneven ground
- Load cell welded and sealed to IP68 / IP69K to protect against dusty and wet conditions
- Load cell can be quickly removed without jacking or dummies in case of fire, flooding, welding or changes in position
- Stainless steel load cell and Stainless steel mount will not rust if exposed to urea, water and chemicals.
- M12 IP68 quick connectors for quick and easy cable removal and replacement.

agWEIGHr Selection Guides

Load Bar/Scale Selection Guide – 2 Year Warranty on Load Bars

Application	Type	AG-6012-2t	AG-8012-2t	AG-10012-2t	AG-4t LM Kit	AG-H300*
Fleece	Load bar	x				
Sheep in a drafter	Load bar	x				
Cattle in a race	Load bar	x				
Cattle in a crush	Load bar			x	x	
Pallets	Load bar	x	x	x		
Calves, lambs	Hanging scale					x
Game ('Roos)	Hanging scale					x

*the agWEIGHr Hanging Scale is a complete scale that includes both the load cell and electronics.



Indicator Selection Guide – Livestock – 2 Year Warranty on Electronics

		R320	X320	X320-EID	X320-AUTO	H300*	H300-EID *
Hardware							
EID compatible	Identify individual animals by EID tag			x	x		x
Live Animal weighing	Live weight calculation of animals	x	x	x	x	x	
Power		12 VDC	12VDC			12VDC, NiMH Bat	
Environmental		IP65	IP68/IP69K			IP65	
Drafting							
Live Weight Drafting	Draft animals by live weight	3 band	3 band			3 band	
Current Draft Statistics	Total Weight Average Weight Number of head	x	x			x	
Draft Outputs	Outputs to drive drafting gates or indication				3		
Sessions							
Current Session statistics	Total Weight Average Weight Number of head	x	x	x	x	x	x
Individual animal results	Number of individual animal records in the indicator			10,000	10,000		10,000
Session Capacity	Individual files for each session. Sessions limited only the total records.			x	x		x
Session Profiles	Preconfigured session profiles define operation specific data			20	20		
Operation Data fields	Number of fields of operation data per session			1	1		
Connectivity							
Bluetooth	Wireless EID			x	x		x
RS232	Transmit data to remote display, printer or remote computer system				x		
Optical Data Interface							
PC Interface	Download data files from indicator to PC			x	x		x
Android App	Transfer data from yards to Android tablet			x	x		x
Firmware Upgrade	Field upgradable	x	x	x	x	x	x



What is a Profile?

A profile allows you to define a list of possible results for an operation to be conducted during the session. Examples include pregnancy testing, vaccinations, condition scoring, tick control etc.

Example: Pregnancy testing – define profile PREG. The range of results might be 0/3/6 (Months). When a new session is started the operator could choose the PREG profile and from then on the operator is prompted to select 0, 3 or 6 for each animal processed in the session.

The record log for each animal will then be:

Session "PREG" - Date/Time, EID#, Weight, {0, 3 or 6}

Example: Vaccination - A vaccination operation may need to record a basic yes/no.

The record for the animal will then be:

Session "VACC" - Date/Time, EID#, Weight, {Y or N}

About Rinstrum's Live Weigh Algorithm

Rinstrum first developed a live weigh algorithm in 2005 for use in basic animal scales. The algorithm has been refined over the past 10 years and is used on applications ranging from live fish weighing, sheep drafting, and veterinary scales to patient weighing for medical. This refined live weighing algorithm is provided standard in our agWEIGHr range of indicators to ensure your livestock is weighed reliably.

About Rinstrum

Rinstrum is a privately owned Australian company based in Brisbane that has been designing and building weighing equipment for over 20 years. Rinstrum's founders Bart Lommerse and Mike Bartlett, started BarLo Electronics in the early '80s, building some of the first electronic instruments, weigh beams and cattle yard display boards in Australia.

Subsequent years saw our company focus on trade approved industrial weighing. We have grown steadily over the years, establishing offices in US, Germany and Sri Lanka to offer the same standard of local service globally that we have here in Australia. Rinstrum is an award winning, ISO9001 quality accredited weighing specialist selling over 30,000 units annually.

With the agWEIGHr product range we bring our extensive experience in accurate and affordable weighing back to our roots in agriculture. As a nimble customer focused company we look forward to getting your feedback on how we can further tailor the agWEIGHr products to better suit your specific farming applications.

Darren Pearson, Managing Director

Rinstrum

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