Guardian Lite & Guardian Premium Floor Scales

The Guardian Series was introduced to the weighing world in 2003. Since its launch, it has been known for reliability, durability, and uncompromising accuracy.

The Guardian Lite & Premium expands upon our original Guardian design by improving durability, ease-of-use, and measurement accuracy.



G LITE



G PREMIUM



Features (Scale)

- NTEP Certified: 5000 and 10,000 lbf Capacities
- Superior Self-Articulating Feet with Integrated Ball-and-Cup Technology
- Top-Access to Junction Box
- Top-Access to Self-Articulating Leveling Feet
- Overbuilt Load Cells to Maximize Resilience
- Industry-Leading Edge Load Performance
- Ribbed / Splined Undercarriage for Maximum Rigidity
- Ultra-Thick Diamond Plate Weighing Deck
- Lifting Points

Features (Indicators)

- NTEP Certified
- Bright Seven-Segment 1-Inch-Tall Readout on Reverse LCD Display
- IP69K Rated for Washdown Survivability
- Up to 50,000 Divisions
- Time/Date Stamp

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975 Deerfield Parkway, Buffalo Grove, IL, 60089, USA | 1 - 847 - 419 - 9180 | 1 - 800 - 503 - 9180 | sales@transcell.com | www.transcell.com

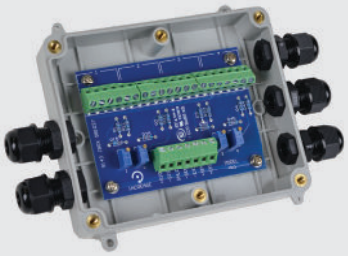
GUARDIAN

transcell®

Guardian Lite & Guardian Premium Floor Scales

Model	Size	Capacity
Guardian Lite Floor Scale - with TI-500E Indicator		
GRDLITE5544-5K	4’ X 4’	5,000 LBS
GRDLITE5555-5K	5’ X 5’	5,000 LBS
Guardian Premium Floor Scale - with TI-700K Indicator		
GRDPREMIUM5544-5K	4’ X 4’	5,000 LBS
GRDPREMIUM5544-10K	4’ X 4’	10,000 LBS
GRDPREMIUM5555-5K	5’ X 5’	5,000 LBS
GRDPREMIUM5555-10K	5’ X 5’	10,000 LBS

JB-FI-4 Singnal Trim Junction Box



Self Articulating Leveling Foot



Top Access to Junction Box



Ultra-Thick Diamond Plate Weighing Deck



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Guardian Lite & Guardian Premium Floor Scales

Variety of Modern Communication Options

Standard Dual RS-232 for connections to PCs, Printers, Remote Display / Scoreboard

Optional Modules

- Bluetooth to Mobile Device (phone / tablet)
- Bluetooth Wireless Link between Scale and Indicator
- Wi-Fi from Indicator to Network / WMS
- Active Analog: 0-10V and 4-20mA
- RS-485
- Digital I/O, Relay Control

Installation Options

- Above Ground
- in-Floor with Pit Frame
- Ramp Access

Feature	"Old Guardian"	Guardian Lite	Guardian Premium
Platform size	4 x 4 (ft)	4 x 4 (ft)	4 x 4 (ft)
Rated capacity	5,000 lbs	5,000 lbs	5,000 lbs & 10,000 lbs
Overload Protection (%FS)	150%	150%	150%
Deck Construction	Diamond Plate Steel	Diamond Plate Steel	Diamond Plate Steel
Deck Thickness	0.2 in	0.2 in	0.2 in
Frame Construction	A36 Structural Steel	A36 Structural Steel	A36 Structural Steel
Channel Thickness	0.125 in	0.125 in	0.125 in
Channel Width	5 in	5 in	5 in
Top Access to Junction Box	No	Yes	Yes
Top Access to Leveling Foot	Yes	Yes	Yes
Lifting Holes	Threaded eyebolt hole (1/2-13 UNC)	Threaded eyebolt hole (1/2-13 UNC)	Threaded eyebolt hole (1/2-13 UNC)
Finish	Powder Coat	Powder Coat	Powder Coat
Adjustable Leveling Feet	Yes, (Ball Swivel Type), Ø2.25 in	Yes, (Ball Swivel Type), Ø2.25 in	Yes, (Ball Swivel Type), Ø2.25 in
Load Cells	Transcell SBS-2.5K	Zemic H8C-2.5K	Transcell SBS-5K/SE
Overall Height	110 mm [4.3 in]	110 mm [4.3 in]	110 mm [4.3 in]
Junction Box	ABS, 4-channel, signal trim, IP65	ABS, 4-channel, signal trim, IP67	ABS, 4-channel, signal trim, IP67
Homerun Cable	15 ft	15 ft	15 ft

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