MIDWEST SCALE COMPANY

Administrative Office: 1327-7th Street - Rockford IL 61104

800-521-0857: Phone

800-870-0075 : FAX

Web: www.midwestscale.com **E-mail: sales@midwestscale.com**

ISO/IEC 17025 CERT. #L02-93

Rockford, IL **Schaumburg, IL** **Southern Wisconsin**

Web Quote

We are pleased to offer the following for your consideration:

1 – Rice Lake model 120plus digital indicator which will include,

- Full keypad for known tare weight entry, w/ RS232 port
- Quick disconnect to floor scale

1 – Transcell model GRD 5544-5 floor scale

- 4'x 4' x 3.5" platform size
- 5000 lb. capacity

Price, ... **$ 1195.00**

Notes:

Applicable sales tax not included
Freight prepaid and added to invoice
Terms: Net 30 days with credit approval, **VISA** and **Master Card** accepted

Sincerely,

Midwest Scale Company – ***Sales Department at (800) 521-0857 x16 or x18***

Order Information – Fax to (800) 870-0075

Date:	
Customer Name: **Address:** **City, State, Zip:** **Phone Number:**	**PO# or Credit Card #:**
Accepted by:	

120/120 Plus

Digital Weight Indicator

120

120 Plus

STANDARD FEATURES

120

- Large .8 in (20.3 mm) Light Emitting Diode (LED) Display
- Configurable analog to digital measurement rate
- Power for four 350 Ω load cells
- Primary/secondary units configuration: lb, kg, ounces, grams
- Five-button operation
- Two independent communication ports: (1) full duplex, (1) unidirectional or active 20 mA current loop
- Standardized EDP command sets
- Programmable ticket format up to two 180-character printout
- Full front-panel digital calibration and configuration
- Tilt stand
- Three-stage digital filtering
- Consecutive transaction numbering
- Time and date (volatile)

120 Plus

- Large .8 in backlit LCD display
- Rechargeable battery or wall adapter
- Power save feature for 700 hours of battery life
- Ten stored tare values
- Display hold (based on 3 second average)
- Time and date

Indicators

APPROVALS

Measurement Canada Approved

120 Plus - Approvals Pending for Measurement Canada

SPECIFICATIONS

POWER:
120/120 Plus:
Line voltages: 115 or 230 VAC
Frequency: 50 or 60 Hz
120 Plus:
(estimated battery life)
60 hours with 1 x 350 Ω
40 hours with 4 x 350 Ω
Charge time 8 hours

EXCITATION VOLTAGE:
5 VDC, 4 x 350 Ω or 8 x 700 Ω load cells

ANALOG SIGNAL INPUT RANGE:
-0.6 mV/V - 3.0 mV/V

ANALOG SIGNAL SENSITIVITY:
0.3 µV/graduation minimum,
1.5 µV/grad recommended

RESOLUTION:
Internal resolution:
1 million internal graduations
Display resolution:
10,000 displayed graduations

MEASUREMENT RATE:
120: 30, 15, 7, 3 per second
120 Plus: 30 per second

SYSTEM LINEARITY:
Within 0.01% of full scale

CIRCUIT PROTECTION:
RFI, EMI, ESD protected

LOAD CELL CONNECTION:
Cord grip entry
Detachable plug (optional)

SERIAL OUTPUT:
EDP port: Full duplex RS-232
Printer port: Output-only RS-232 or active 20 mA current loop
Both ports: 9600, 4800, 2400, 1200, 600, 300 bps; 7 or 8 data bits; even, odd or no parity

DISPLAY:
120:
0.8 in (20 mm), 6-digit Red Light Emitting Diode (LED) display, 7-segment digits
120 Plus:
0.8 in (20 mm) 6-digit LCD with backlight 7-segment digits

STATUS ANNUNCIATORS:
Designators for: center of zero, stand still, gross, net center of zero, standstill, lb, kg, oz, g
*Battery, setpoint 1 & 2, HI-0K-LO, Hold

KEYBOARD:
120:
5-key flat membrane panel, tactile feel
120 Plus:
zero, tare, present tare, hold, gross/net, units, numeric 0-9, clear, enter/print

DIGITAL I/O:
120 Plus: Requires option card
24 volt source
3 digital inputs
2 digital outputs

OPERATING TEMPERATURE:
-10°C to 40°C/14°F to 104°F (legal)
-10°C to 50°C/14°F to 122°F (industrial)

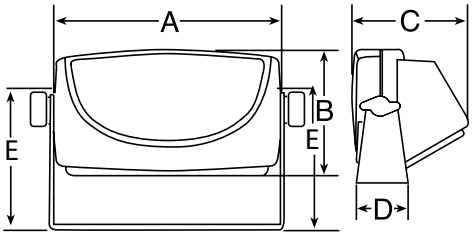
WEIGHT:
2.6 lb (1.2 kg)

RATING/MATERIAL:
Enclosure: heavy gauge ABS

120 APPROVALS:
NTEP -6,000 Divisions, Class III/IIIL,
CC# 03-059A1, Measurement Canada AM-5517,
Class III/IIIHD at 6,000 Divisions;
OIML approved, TC 7072; T 5692 at 5,000 Divisions
CE marked

120 PLUS APPROVALS:
NTEP -6,000 Divisions, Class III/IIIL,
CC# 03-059A1;
Measurement Canada Pending
OIML approved, TC 7335; T 7334 at 10,000 Divisions

WARRANTY:
One-year limited warranty



DIMENSIONS			
A	7.32 in (1863 mm)	**D**	1.65 in (42 mm)
B	6.06 in (154 mm)	**E**	4.76 in (121 mm)
C	3.74 in (95 mm)		

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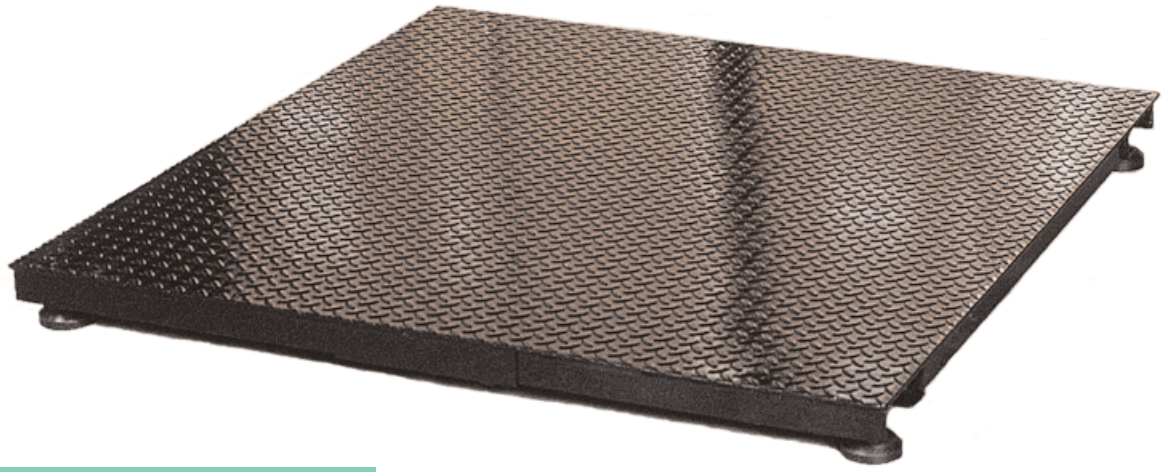
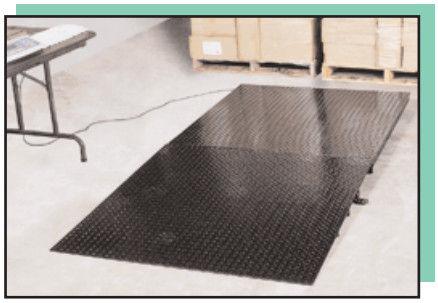
Prices and specifications subject to change without notice. Visit ricelake.com for current prices.

RICE LAKE WEIGHING SYSTEMS
Commitment Beyond Measurement®
ISO 9001 REGISTERED

GUARDIAN

Low Profile Platform Scale





Shown here with optional approach ramp

FLOOR SCALES

The Guardian Low Profile Platform Scale utilizes a 1/4” thick safety diamond deck plate. The under structure is constructed of heavy-duty 7” channel steel supports which provides superior structural integrity over other designs by minimizing unsupported area. The load cells are mounted at 45 degrees to the scale edge for maximum performance by reducing the negative effects of torsional errors. The scale provides for 100% side loading and has a 200% ultimate overload. A high quality paint finish adds to the extraordinary value this scale offers. NTEP approved in many sizes and capacities, the Guardian Low Profile Platform Scale leads the industry in quality, durabilty and low cost of ownership.

All Guardian Low Profile Platform Scales can be easily linked to any of the Transcell counting scales for dual scale counting operation or any of the Transcell weight indicators. Remember to add the MP-20 thermal tape printer for a complete weighing solution.

TRANSCELL TECHNOLOGY, INC.

GUARDIAN

STANDARD FEATURES & BENEFITS

- Top Access Corner Leveling
- Top Access NEMA4 ABS Signal Trim/J-Box
- 1/4” Diamond Safety Deck
- 15 Foot Cable Supplied with Quick Connect Male Amphenol 57-30140 Connectors
- Four 350 ohm Nickel Plated Load Cells
- 3” Diameter Heavy Duty Shock Absorbing Load Feet

OPTIONS

- Approach Ramps
- Pit Frames

Specifications

TEMPERATURE RANGE:
Compensated: 14°F - 104°F

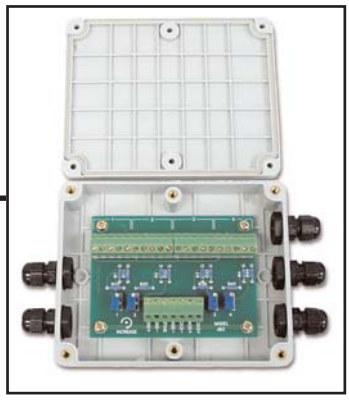
ELECTRICAL CHARACTERISTICS:
Recommended excitation voltage: 10~15V DC
Max. excitation voltage: 20V DC
Input impedance: 380 ohms +/- 30 ohm
Output impedance: 350 ohms +/- 3 ohm
Insulation resistance: 5000 M ohm or more
Zero Balance: +/- 1.0 MV/V F.S.

LOAD CELL CABLE COLOR CODE:

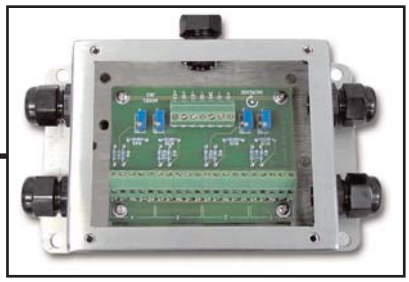
	COLOR
Excitation Voltage (+)	Red
Excitation Voltage (-)	Black
Output Signal (+)	Green
Output Signal (-)	White

PLATFORM SIZE	CAPACITY
3’W x 3’L x 3.75” H	1K - 5K
4’W x 4’L x 3.75” H	1K - 10K
4’W x 5’L x 3.75” H	1K - 10K
4’W x 6’L x 4.25” H	5K - 20K
5’W x 5’L x 4.25” H	5K - 20K
5’W x 7’L x 4.25” H	5K - 20K

Standard ABS NEMA-4 J-Box



Optional Stainless Steel NEMA-4X J-Box



YOUR AUTHORIZED TRANSCELL DEALER IS:

Specifications and features subject to change without notice.

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