



# MIDWEST SCALE COMPANY

Administrative Office: 1327-7<sup>th</sup> Street - Rockford IL 61104

**800-521-0857: Phone**

**800-870-0075 : FAX**

Web: [www.midwestscale.com](http://www.midwestscale.com)

E-mail: [sales@midwestscale.com](mailto: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 – Transcell model 500E digital indicator which will include,

- Simple 5 button keypad 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, ..... **\$ 995.00**

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**

<b>Date:</b>	
<b>Customer Name:</b>	<b>PO# or Credit Card #:</b>
<b>Address:</b>	
<b>City, State, Zip:</b>	
<b>Phone Number:</b>	
<b>Accepted by:</b>	

# TI-500E



The TI-500E is an NTEP approved digital indicator housed in a durable black ABS enclosure. It is equipped with a large easy to read 0.6" LED display. Capable of powering up to 4-350 $\Omega$  load cells, this simple device can handle a multitude of functions. A full duplex RS-232 port can transmit data on demand or continuously to match the input requirements of a wide variety of peripheral devices including printers, remote displays and computers. The setup and calibration parameters are shared with other TI series indicators for consistently easy and trouble free use and maintenance. The TI-500E is the leader in reliable performance and value.



TRANSCCELL TECHNOLOGY, INC.

# TI-500E

## ENIGMA DIGITAL INDICATOR

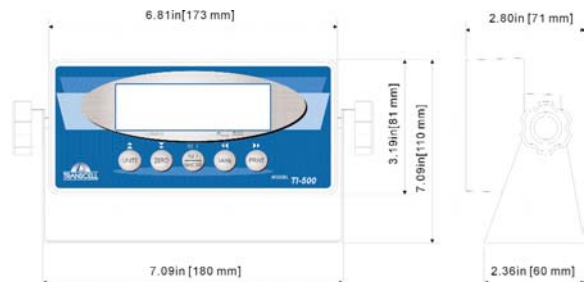
### STANDARD FEATURES & BENEFITS

- ▷ High Quality / Low Cost
- ▷ NTEP Approved for 5,000 Divisions
- ▷ ABS NEMA 12 Enclosure
- ▷ Full Duplex RS-232 Serial Port
- ▷ Simple Piece Counting Function
- ▷ Displays up to 50,000 graduations
- ▷ Drives up to four 350Ω Load Cells
- ▷ Full Front Panel Configuration
- ▷ Stainless Steel Swivel Stand
- ▷ Operates on AC Adapter or 12 Volt DC

### Specifications:

**Load Cell Excitation:** +10 VDC  
**Load Cell Current:** Drives up to four 350Ω Load Cells  
**Analog Signal Input Range:** 0.2 mV/V min to 3.0 mV/V max  
**Analog Sensitivity:**  
0.4 μV/grad, minimum  
1.0 μV/grad recommended minimum for Legal-for-Trade  
**A/D Conversion Rate:** Up to 25 meas/sec  
**A/D Resolution:** Up to 260,000 Internal Counts  
**Display:** 0.6", 6 Digit LED Display  
**Display Resolution:** Up to 50,000 External Grads, Selectable  
**Key Functions:** Units, Zero, Net/Gross, Tare, Print  
**Annunciators:** Gross, Net, kg, lb, Center of Zero, Stable, Tare, Negative, PCS  
**Serial Port:** Full Duplex RS-232 Format  
**Power Requirement:** 12 VDC, 500 mA Wall Adapter, Included  
**DC Power Consumption:** 200 mA + 30 mA/350Ω Load Cell  
**Operating Temperature:** 14°F to 104°F (-10°C to 40°C)  
**Indicator Dimensions:** 3.2" x 6.8" x 2.3"  
**Warranty:** 1 Year Warranty  
**NIST Classification:**  
H-44 Class III at 5,000 Divisions  
C.O.C.#94-080A2

### PHYSICAL DIMENSIONS



**YOUR AUTHORIZED TRANSCCELL DEALER IS:**

*Specifications and features subject to change without notice.  
5-15-03*



**TRANSCCELL TECHNOLOGY, INC.**

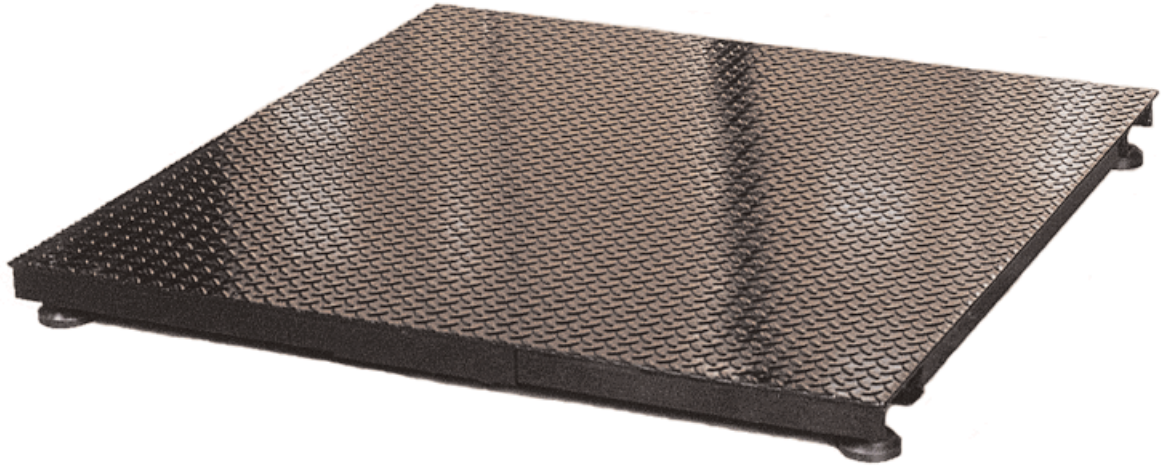
975 Deerfield Pkwy, Buffalo Grove, IL 60089  
Tel (847) 419-9180 Fax (847) 419-1515

**(800) 503-9180**

www.transcell.net

# GUARDIAN

## Low Profile Platform Scale



Shown here with optional approach ramp



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, durability 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.

FLOOR SCALES



TRANSCCELL 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

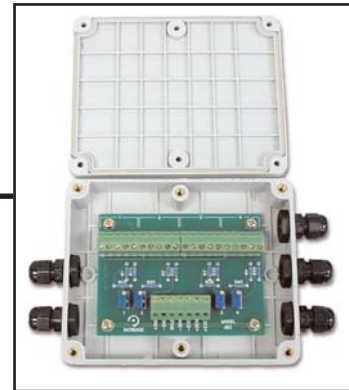
### PLATFORM SIZE

3'W x 3'L x 3.75" H  
 4'W x 4'L x 3.75" H  
 4'W x 5'L x 3.75" H  
 4'W x 6'L x 4.25" H  
 5'W x 5'L x 4.25" H  
 5'W x 7'L x 4.25" H

### CAPACITY

1K - 5K  
 1K - 10K  
 1K - 10K  
 5K - 20K  
 5K - 20K  
 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.



**TRANSCELL TECHNOLOGY, INC.**

975 Deerfield Pkwy, Buffalo Grove, IL 60089

Tel (847) 419-9180 Fax (847) 419-1515

**(800) 503-9180**

www.transcell.net