



CLASS III CERTIFICATE  
#95-035

# GP Series

## DIGITAL WEIGHT INDICATORS

ISO 9001  
Registered

GP1000™ / GP1200™ / GP2000™ / GP2000EM™



### GP 1000™

#### COMPACT BATTERY-OPERATED DIGITAL WEIGHT INDICATOR

*Low cost, power efficient indicator incorporates the most sophisticated A/D and CMOS technology available today!*

- 20 Bit A/D Converter
- Jumbo LCD Display
- Gross/Net/Tare
- RS232/RS485 Output
- Alkaline or Ni-Cad Battery Powered
- Low Power CMOS Design
- Proven Design & Reliability
- Full Keypad Setup & Calibration



Infrared  
Remote  
Control

### GP 1200™

#### COMPACT BATTERY-OPERATED DIGITAL WEIGHT INDICATOR

*Low cost, power efficient indicator incorporates the most sophisticated A/D and CMOS technology available today!*

- 20 Bit A/D Converter
- Jumbo LCD Display
- Gross/Net/Tare
- Stainless Steel Housing
- Digital Input
- Alkaline or Ni-Cad Battery Powered
- Low Power CMOS Design
- RS232/RS485 Output
- Full Keypad Setup & Calibration
- Proven Design & Reliability



### GP 2000™

#### COMBINATION DIGITAL WEIGHT INDICATOR

*Advanced design combines the industry's first affordable Digital Weight Indicator and Remote Display.*

- 20 Bit A/D Converter
- Gross/Net/Tare
- Compact Design
- Competitively Priced
- Combination Indicator/Remote Display
- 2 inch/50 mm High LED Display
- RS232 Output
- Full Keypad Setup & Calibration



### GP 2000EM™

#### COMBINATION DIGITAL WEIGHT INDICATOR

*Advanced design combines the industry's first affordable Digital Weight Indicator and Remote Display.*

- 20 Bit A/D Converter
- Gross/Net/Tare
- RS232 Output
- Digital Input
- 12/120/220 Power
- Combination Indicator/Remote Display
- 4 inch/100 mm High Electro Mechanical Display
- Proven Design & Reliability
- Full Keypad Setup & Calibration
- Tilt and Swivel Mount Bracket

# Intercomp®

advanced weighing technology . . . by any measure

**GP1000™**

**GENERAL**

**Capacity:** Up to 99999 lb/99999 kg  
**Graduation:** By .02, .05, .1, .2, .5, 1, 2, 5, 10, 20, 50 or 100 lb/.01, .02, .05, .1, .2, .5, 1, 2, 5, 10, 20, 50 kg  
**Display Resolution:** 10,000 displayed graduations, 1,000,000 internal graduations

**ELECTRICAL**

**Load Cell Excitation:** 5 VDC  
**Load Cells:** Up to 4 @ 350Ω  
**Analog Signal Input:** 1mV/V to 4mV/V  
**Analog Signal Sensitivity:** 0.3 microvolts/graduation  
**Update Rate:** 10 updates/second, adjustable  
**Battery Life:** (Dependent on use of backlight)  
 - Up to 100 hours w/ fully charged nickel-cadmium (1 x 1000Ω load cell)  
 - Up to 50 hours w/ fully charged nickel-cadmium (4 x 350Ω load cell)  
 - Up to 300 hours w/ alkaline (1 x 1000Ω load cell)  
 - Up to 150 hours w/ alkaline (4 x 350Ω load cell)

*The following apply to Nickel-cadmium Option only:*

**Batteries:** 6 x D-size nickel-cadmium cells (not included)  
**Charge Time:** 16 hours  
**Charger Voltage:** 12 to 20 VDC/VAC  
**Charger:** Charger/Power transformer – 110/220 VAC  
**Charger Current:** 250 mA  
**Lower Battery Shut-off:** Unit automatically shuts off if batteries are low  
**Auto Shut-off:** Shuts off after up to 5 minutes of non-use (variable up to 30 minutes)  
**Display:** 1 inch/25 mm high – Five digit liquid crystal display (LCD), (light emitting diode (LED) optional)  
**Backlight:** Automatic in low light or push button  
**Indicators:** Three (lb, kg & Net)  
**Control Switches:** Seven (On, Off, Zero, Print, Tare Set/Display, Tare Clear, lb/kg)  
**Output:** RS232 serial output  
**Features:** Push button Tare – Up to 100% capacity  
 Push button Zero – Up to 100% of capacity excluding NIST/OIML units  
 Push button lb/kg unit switch  
 Push button print of Gross, Net & Tare  
 Displays Gross, Net & Tare Weight  
 Adjustable baud rates of 600, 1200, 2400 or 9600  
 Selectable AZT off, 0.6, 1 or 3 graduations  
 Set whether turn on is in lb or kg  
 Adjustable display update/weight averaging  
**Temperature:** Operating -10° to 40°C/14° to 104°F  
**Enclosure:** Extruded aluminum  
 8.5 W x 4.5 H x 5 D inches/216 W x 114 H x 127 D mm  
**Weight:** 4.5 lb/2 kg  
**NIST Classification:** Meets or exceeds HB-44 class III/IIIL @ 10,000 divisions  
**Options:** - LED display  
 - Battery charger power pack 120/220 VAC

**GP1200™**

**GENERAL**

**Capacity:** Up to 99999 lb/99999 kg  
**Graduation:** By .02, .05, .1, .2, .5, 1, 2, 5, 10, 20, 50 or 100 lb/.01, .02, .05, .1, .2, .5, 1, 2, 5, 10, 20, 50 kg  
**Display Resolution:** 10,000 displayed graduations, 1,000,000 internal graduations

**ELECTRICAL**

**Load Cell Excitation:** 5 VDC  
**Load Cells:** Up to 24 @ 350Ω  
**Analog Signal Input:** 1mV/V to 4mV/V  
**Analog Signal Sensitivity:** 0.3 microvolts/graduation  
**Update Rate:** 10 updates/second, adjustable  
**Battery Life:** (Dependent on use of backlight and serial output)  
 - 1 x 350Ω load cell:  
 100 hours Ni-Cad/300 hours alkaline  
 - 4 x 350Ω load cell:  
 50 hours Ni-Cad/150 hours alkaline  
 - 24 x 350Ω load cell:  
 10 hours Ni-Cad/30 hours alkaline  
 - 1 x 1000Ω load cell:  
 125 hours Ni-Cad/375 hours alkaline  
 - 4 x 1000Ω load cell:  
 80 hours Ni-Cad/240 hours alkaline  
 - 24 x 1000Ω load cell:  
 25 hours Ni-Cad/75 hours alkaline

*The following apply to Nickel-cadmium Option only:*

**Batteries:** 6 x D-size nickel-cadmium cells (not included)  
**Charge Time:** 16 hours  
**Charger Voltage:** 12 to 20 VDC/VAC  
**Charger:** Charger/Power transformer – 110/220 VAC  
**Charger Current:** 250 mA  
**Lower Battery Shut-off:** Unit automatically shuts off if batteries are low  
**Auto Shut-off:** Shuts off after adjustable time (up to 120 min) without use or motion  
**Sleep Mode:** Low power mode after adjustable time (up to 120 min) without use or motion  
**Display:** 1 inch/25 mm high – Five digit liquid crystal display (LCD), (light emitting diode (LED) optional)  
**Backlight:** Automatic in low light or push button  
**Indicators:** On-screen lb, kg, Pieces, Gross, Net, Total and Peak  
**Control Switches:** On/Off, Zero, Net/Gross, Mode, Tare, Units/Pieces, Total, Scale Select, Preset Tare, Sample, APW, Peak Hold, Over, Under, I.D.#, Set Point 1, Set Point 2, Print, Enter, Clear, numeric 10-key)  
**Serial Input/Output:** RS232 standard, RS485 and TTL optional  
**Features:** Push button Tare – Up to 100% capacity  
 Push button Zero – Up to 100% of capacity excluding NIST/OIML units  
 Push button lb/kg unit switch  
 Push button print of Gross, Net & Tare  
 Displays Gross, Net & Tare Weight  
 Adjustable baud rates of 75 to 38,400  
 Selectable AZT off, 0.6, 1 or 3 graduations  
 Set whether turn on is in lb or kg  
 Adjustable display update/weight averaging  
**Temperature:** Operating -10° to 40°C/14° to 104°F  
**Enclosure:** Stainless Steel  
 8.5 W x 6 H x 5 D inches/216 W x 150 H x 127 D mm  
**Weight:** 8.6 lb/3.9 kg  
**NIST Classification:** Meets or exceeds HB-44 class III/IIIL @ 10,000 divisions  
**Options:** - LED display  
 - Battery charger power pack 120/220 VAC

**GP2000™**

**GENERAL**

**Capacity:** Up to 99999 lb/99999 kg  
**Graduation:** By .02, .05, .1, .2, .5, 1, 2, 5, 10, 20, 50 or 100 lb/.01, .02, .05, .1, .2, .5, 1, 2, 5, 10, 20, 50 kg  
**Display Resolution:** 10,000 displayed graduations, 1,000,000 internal graduations

**ELECTRICAL**

**Load Cell Excitation:** 5 VDC  
**Load Cells:** Up to 4 @ 350Ω  
**Analog Signal Input:** 1mV/V to 4mV/V  
**Analog Signal Sensitivity:** 0.3 microvolts/graduation  
**Update Rate:** 10 updates/second, adjustable  
**Power Voltage:** 14 to 20 VAC/VDC  
**Transformer:** 14 VAC, 110/220 VAC  
**Display:** 2 inch/50 mm high – Eight character, 5 x 7 dot matrix light emitting diode (LED)  
**Indicators:** Three (lb, kg & Net)  
**Control Switches:** Five (Zero, Print, Tare Set/Display, Tare Clear, lb/kg)  
**Output:** RS232 serial output  
**Features:** Push button Tare – Up to 100% capacity  
 Push button Zero – Up to 100% of capacity excluding NIST/OIML units  
 Push button lb/kg unit switch  
 Push button print of Gross, Net & Tare  
 Displays Gross, Net & Tare Weight  
 Adjustable baud rates of 600, 1200, 2400 or 9600  
 Selectable AZT off, 0.6, 1 or 3 graduations  
 Set whether turn on is in lb or kg  
 Adjustable display update/weight averaging  
**Temperature:** Operating -10° to 40°C/14° to 104°F  
**Enclosure:** Extruded aluminum  
 16 W x 4.5 H x 5 D inches/406 W x 114 H x 127 D mm  
**Weight:** 6.5 lb/3 kg  
**NIST Classification:** Meets or exceeds HB-44 class III/IIIL @ 10,000 divisions  
**Options:** Power pack 220 VAC

**GP2000EM™**

**GENERAL**

**Capacity:** Up to 999999 lb/999999 kg  
**Graduation:** By .02, .05, .1, .2, .5, 1, 2, 5, 10, 20, 50 or 100 lb/.01, .02, .05, .1, .2, .5, 1, 2, 5, 10, 20, 50 kg  
**Display Resolution:** 10,000 displayed graduations, 1,000,000 internal graduations

**ELECTRICAL**

**Load Cell Excitation:** 5 VDC  
**Load Cells:** Up to 4 @ 350Ω  
**Analog Signal Input:** 1mV/V to 4mV/V  
**Analog Signal Sensitivity:** 0.3 microvolts/graduation  
**Update Rate:** 10 updates/second, adjustable  
**Power Voltage:** 14 to 20 VAC/VDC  
**Transformer:** 14 VAC, 110/220 VAC  
**Display:** 4 inch/100 mm high – Electro-Mechanical  
**Indicators:** Three (lb, kg & Net)  
**Control Switches:** Five (Zero, Print, Tare Set/Display, Tare Clear, lb/kg)  
**Output:** RS232 serial output  
**Features:** Push button Tare – Up to 100% capacity  
 Push button Zero – Up to 100% of capacity excluding NIST/OIML units  
 Push button lb/kg unit switch  
 Push button print of Gross, Net & Tare  
 Displays Gross, Net & Tare Weight  
 Adjustable baud rates of 600, 1200, 2400 or 9600  
 Selectable AZT off, 0.6, 1 or 3 graduations  
 Set whether turn on is in lb or kg  
 Adjustable display update/weight averaging  
**Temperature:** Operating -10° to 40°C/14° to 104°F  
**Enclosure:** Painted Steel  
 27 W x 9 H x 7 D inches/680 W x 230 H x 180 D mm  
**Weight:** 30 lb/13.5 kg  
**NIST Classification:** Meets or exceeds HB-44 class III/IIIL @ 10,000 divisions  
**Options:** Power pack 220 VAC

Specifications are subject to change without notice.



14465 - 23rd Avenue  
 Minneapolis, MN 55447-3438 U.S.A.  
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Toll Free: 800-328-3336  
 Worldwide: 763/476-2531  
 Fax: 763/476-2613

Web Site: [www.intercompco.com](http://www.intercompco.com)  
 E-mail: [info@intercompco.com](mailto:info@intercompco.com)



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