



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.



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