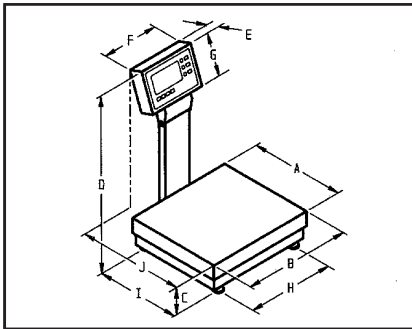


MSI-6000 CHECK-WEIGH SPECIFICATIONS

Including MSI-6000MC (Motion Compensated)



| MODEL | MSI-6000 DIMENSIONS (mm/inches) | | | | | | | | | |
|---------------------------------|---------------------------------|-------|------|-------|------|------|------|-------|-------|-------------|
| | A | B | C | D | E | F | G | H | I | J |
| 6006,6012 | 8.50* | 8.50 | 3.37 | 18.30 | 2.00 | 8.57 | 5.75 | 7.00 | 9.00 | 13.80-10.25 |
| | 216 | 216 | 86 | 465 | 51 | 218 | 146 | 178 | 229 | 351-260 |
| 6030, 6060, 6120, 6220 | 14.00 | 16.00 | 5.00 | 23.50 | 2.00 | 8.57 | 5.75 | 13.50 | 12.62 | 19.76-16.14 |
| | 356 | 406 | 127 | 597 | 51 | 218 | 146 | 343 | 321 | 502-410 |
| 6300, 6060MC, 6120MC, 6220MC | 20.00 | 20.00 | 5.75 | 23.75 | 2.00 | 8.57 | 5.75 | 18.30 | 18.30 | 25.98-22.24 |
| | 508 | 508 | 146 | 603 | 51 | 218 | 146 | 465 | 465 | 660-565 |

* Usable platter area

| Model | Standard Capacity x Resolution | Shipping Weight |
|--------|--|-----------------|
| 6006 | 6 x .002 lb / 3 x .001 kg / 96 x .05 oz | 21 lbs / 10 kg |
| 6012 | 12 x .005 lb / 6 x .002 kg / 192 x .1 oz | 21 lbs / 10 kg |
| 6030 | 30 x .01 lb / 15 x .005 kg / 480 x .2 oz | 40 lbs / 18 kg |
| 6060 | 60 x .02 lb / 30 x .01 kg / 960 x .5 oz | 40 lbs / 18 kg |
| 6120 | 120 x .05 lb / 60 x .02 kg / 1920 x 1 oz | 40 lbs / 18 kg |
| 6220 | 220 x .1 lb / 100 x .05 kg / 3520 x 2 oz | 40 lbs / 18 kg |
| 6300 | 300 x .1 lb / 135 x .05 kg / 4800 x 2 oz | 56 lbs / 25 kg |
| 6060MC | 60 x .05 lb / 30 x .02 kg / 960 x 1 oz | 60 lbs / 27 kg |
| 6120MC | 120 x .1 lb / 60 x .05 kg / 1920 x 2 oz | 60 lbs / 27 kg |
| 6220MC | 220 x .2 lb / 100 x .1 kg / 3520 x 5 oz | 60 lbs / 27 kg |

Standard Specifications and Features

| | |
|--------------|---|
| Accuracy: | 0.1% applied load (Class III) |
| Settle Rate: | 0.5 seconds |
| Filtering: | High/Medium/Low selectable |
| Power: | 115 (230 optional) VAC 50/60 Hz |
| Display: | <ul style="list-style-type: none"> 6 digit - .51 in (13 mm) numeric liquid crystal display 8 digit - .39 in (10 mm) alphanumeric liquid crystal display |

| | |
|-----------------------|---|
| Display Annunciators: | <ul style="list-style-type: none"> Over/Under/Accept 21 segment bargraph LED indicators for Over/Under/Accept In-motion detection Product code identification Center of Zero Deviation and percent (%) of target Units: lbs/oz/lb-oz/g/kg Low Battery (battery option) PM and colons for clock option |
| | <ul style="list-style-type: none"> Power: On/Off Zero: Zero out residual weight on scale platter Tare Set: Tare out empty container weight and activate Net weighing mode Print: Output of current weight to external devices User: For programming user defined functions Units: Selects measurements (lbs/oz/lb-oz/g/kg) Target: Sets target weight for Over/Under/Accept checkweighing Setup: For selection of user programming functions Product Select: Selects preprogrammed product codes |

Programmable Features:

- Bench Scale:**
- Automatic or Manual tare entry
 - 8 Setpoints standard with display annunciation at logic level. For relay output control, add setpoint control option
 - Automatic or Manual Totalizing with weighments counter
- Check-Weighing (includes all of the bench scale features plus):**
- Automatic or Manual Accept value
 - Hi and Low Limit of Accept value
 - Bargraph Sensitivity, independent for Over and Under segments
 - Numeric Display Mode: Deviation, Actual Weight,

Percent (%) Deviation, Disabled

- 6 Product Codes (optional 50 or 175): Product Code scale parameters are individually stored in memory
- Each Product Code can have a name assigned for easy product identification
- Automatic Totalizing on accept of product weight with Weighments Counter
- Each Product Code has independent Total and Count registers
- 8 zone grading scale (setpoint control option required)
- Operator formatted print string allows interface with computers and printers (RS232 option required)

General:

- Automatic power-down, for power saving in battery applications
- Backlight - On/Off/Automatic
- Lock: The programmer can lock any or all features to prevent tampering with checkweighing setups, or to lock the scale into the basic, simple mode
- USER key can be programmed by the operator to be a Test key, Net/Gross key, Total key, or disabled
- RS-232 option will print; on demand, on accept, on a change, by reaching a setpoint, or by computer control

Calibration:

Materials:

All stainless steel USDA/FDA approved materials for washdown integrity - NEMA 4X / IP65

Load Cell:

Hermetically sealed stainless steel

Operating Temperature: 14° to 140°F (-10° to 60°C)

Overload: 200% safe

Warranty: One Year

Options

| | |
|-------------------------|--|
| Certifications: | NTEP Approved |
| Backlighting: | Photocell activated, red Fiber-Optic LED. |
| Increased Platter Size: | 20 x 20 x 6 in (508 x 508 x 152.4 mm) platter size for models 6030, 6060, 6120 and 6220 |
| Power: | <ul style="list-style-type: none"> Battery powered operation from 3-"D" alkaline batteries provides up to 400 hours of continuous operation 230VAC, 50/60 Hz 12-48 VDC power supply |
| Remote Display: | Hardwired remote indicator with 10 ft (3 m) of cable |
| Increased Resolution: | 6000 to 10,000 counts of displayable resolution available (not available on "MC" motion controlled model) |
| Data Input/Output: | <ul style="list-style-type: none"> RS-232 with real time clock, full duplex, all functions remotely controlled Second RS-232 or RS-485 for networking multiple scales |
| Setpoint Controls: | 7 relay outputs for automatic control and/or audible alarms |
| Added Memory: | 50 or 175 Product Codes |
| Statistics: | Total, Number of Samples, Average, Minimum, Maximum, Standard Deviation, Coefficient of Variance (Contact factory for specifications) |

