

# DIGITAL FORCE GAUGE

CODE:iForce



- High-clarity LCD screen for intuitive results
- Touchscreen operation for simplicity
- Automatic orientation recognition
- Supports multiple languages
- Measures in N, gf, kgf, ozf, lbf
- Uses rechargeable Ni-MH batteries
- USB & multi-function ports for printer/computer connection
- Multiple measurement modes
- Over-limit buzzer alarm
- Stores 1000 test data entries
- Includes various measurement adapters
- Handheld or fixed-position use

### STANDARD DELIVERY

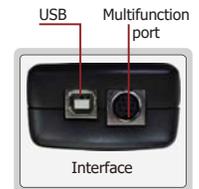


USB Cable/Charger



Flat tip

|                 |   |
|-----------------|---|
| Force Gauge     | 1 |
| Charger         | 1 |
| Manual          | 1 |
| Hook            | 1 |
| Extension shaft | 1 |
| Flat tip        | 1 |
| Conical tip     | 1 |
| Chisel tip      | 1 |
| Notched tip     | 1 |
| USB Cable       | 1 |



Interface



Hook



Extension shaft



Conical tip



Chisel tip



Notched tip

### OPTIONAL DELIVERY

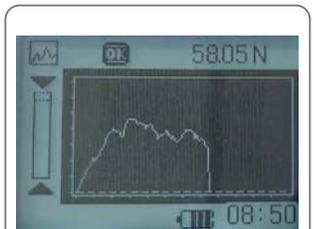
|            |  |
|------------|--|
| Printer    |  |
| Test stand |  |



Test stand

### TECHNICAL SPECIFICATION

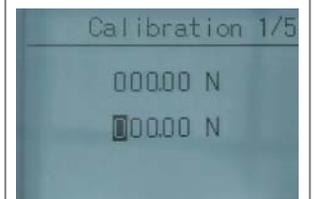
|                           |  |           |           |            |            |            |             |
|---------------------------|--|-----------|-----------|------------|------------|------------|-------------|
| <b>Model</b>              | iForce-1K  | iForce-2K | iForce-5K | iForce-10K | iForce-20K | iForce-50K | iForce-100K |
| <b>Force Range</b>        | 1Kgf   | 2Kgf      | 5Kgf      | 10Kgf      | 20Kgf      | 50Kgf      | 100Kgf      |
| <b>Accuracy</b>           | ±0.2%F.S   |           |           |            |            |            |             |
| <b>Units</b>              | N; kgf; lbf; ozf; gf; mN                         |           |           |            |            |            |             |
| <b>Display</b>            | 160*128 with back-light Matrix LCD               |           |           |            |            |            |             |
| <b>Overload Capacity</b>  | 120%F.S  |           |           |            |            |            |             |
| <b>Detect Modes</b>       | Tracking, Peak, Auto Peak, The Best Peak, etc.   |           |           |            |            |            |             |
| <b>Sampling Frequency</b> | 16KHz(ADC), 8KHz(peak mode), 2KHz(tracking mode) |           |           |            |            |            |             |
| <b>Data Storage</b>       | 1000 messages                                    |           |           |            |            |            |             |
| <b>Temperature Effect</b> | <0.03%F.S/°C                                     |           |           |            |            |            |             |
| <b>Power</b>              | 3.6VDCNi-MH rechargeable battery                 |           |           |            |            |            |             |
| <b>Supplier/Adapter</b>   | USB/BM supplier, 110~240VAC                      |           |           |            |            |            |             |
| <b>Ports</b>              | USB, RS232                                       |           |           |            |            |            |             |
| <b>Environment</b>        | -10~40°C, 20~80%RH                               |           |           |            |            |            |             |
| <b>Dimensions</b>         | 160*73*34mm                                      |           |           |            |            |            |             |
| <b>Net Weight</b>         | 0.7kg  |           |           |            |            |            |             |



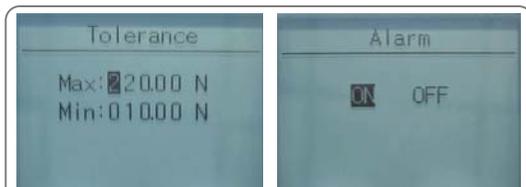
Data Display Mode



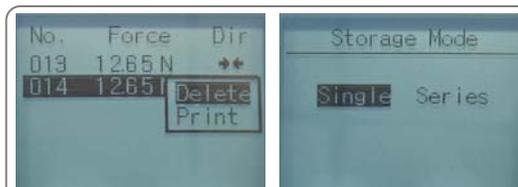
Interface Display



Calibration Function



Setting Tolerance Limits



Saving and Printing Test Data