

# INNOVATEST®



## IST-SERIES

Digital Force Gauge



Digital push-pull gauge with multi-functions and RS232 output.

The IST-300D Series Digital Force Gauge is ideal for applications where users require basic peak force measurement. The IST-300D Series is available in eight capacities (2N, 5N, 10N, 20N, 50N, 100N, 200N, 500N) and features an integral load cell with a measurement accuracy of better than 0.5% full scale.



## FEATURES

- High accuracy +/- 0.5% of full scale
- Peak hold function
- Tolerance setting
- Calculation of average values
- Lbf, Kgf and Newton units • RS232 digital output
- Clear LCD display showing all functions and parameters
- Supplied with standard accessories and software
- Optional stands available

## TECHNICAL SPECIFICATIONS

• Measurement unit	Lbf, Kgf or Newton
• Accuracy	+/-0.5% of full scale
• Resolution	Depending on range, see table below
• Output	RS232
• Memory	10 readings to calculate average
• Power	Rechargeable Ni-Hi batteries
• Battery life	20 hours of use
• Operating temperature	20°C +/- 10°C
• Dimensions	225 x 65 x 35mm
• Weight of main unit	650g

## MODEL SELECTION

Code No.	Range	Resolution
<b>IST-300D</b>	0 - 2N	0.001N
<b>IST-305D</b>	0 - 5N	0.001N
<b>IST-310D</b>	0 - 10N	0.005N
<b>IST-315D</b>	0 - 20N	0.01N
<b>IST-320D</b>	0 - 50N	0.01N
<b>IST-325D</b>	0 - 100N	0.05N
<b>IST-330D</b>	0 - 200N	0.1N
<b>IST-335D</b>	0 - 500N	0.1N

## STANDARD DELIVERY

- Main unit
- AC adaptor
- 5 measuring tips
- 4 M3 x 8 mounting screws
- CD-ROM with PC software
- Extension shaft
- ISOTEST certificate
- Instruction manual

## OPTIONAL ACCESSORIES

- Adjustable height stand
- UKAS calibration certificate
- RS232 serial cable

## ORDER DETAILS

- **IST-300D**
- **IST-315D**
- **IST-330D**
- **IST-305D**
- **IST-320D**
- **IST-335D**
- **IST-310D**
- **IST-325D**



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