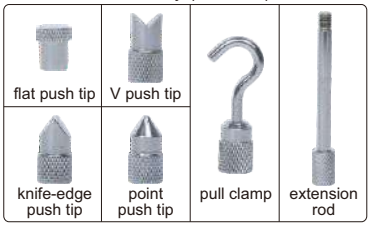
DIGITAL FORCE GAGES

INSPECTION CERTIFICATE

- Push and pull test
- Units: N, gf, kgf, ozf, lbf
- 500 memories
- Automatic power off
- Metal case
- LCD display with backlight, can turn 180°
- Overload alarm

accessory (included)



ISF-1DF100

DATA OUTPUT

VIDEO

software CD (included)

printer (**optional**)

STANDARD DELIVERY

Main unit	1pc
AC/DC adapter	1pc
USB cable and software	1pc
Push/pull accessory	6pcs (flat push tip, V push tip, knife-edge push tip, point push tip, pull clamp, extension rod)

SPECIFICATION

Code	**ISF-1DF10**	**ISF-1DF50**	**ISF-1DF100**	**ISF-1DF500**	**ISF-1DF1000**
Load capacity (N)	10	50	100	500	1000
Resolution (N)	0.01	0.01	0.1	0.1	1
Accuracy	±0.3% (of load capacity)				
Measuring mode	tracking, peak (max.), low and high limits with judgement				
Power supply	built-in rechargeable battery				
Dimension	150×73×33mm				
Weight	450g				

OPTIONAL ACCESSORY

Printer	**ISF-DF-PRINTER**
Test stand	**ISF-MT1K**

DIGITAL FORCE GAGES (HIGH ACCURACY)

VIDEO

printer (**optional**)

software CD (included)

DATA OUTPUT

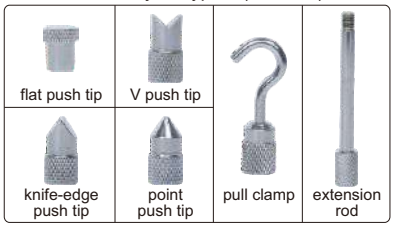
INSPECTION CERTIFICATE

- Push and pull test
- Peak (max.) and tracking mode
- Units: mN, N, gf, kgf, ozf, lbf, MPa (only for type B)
- Low and high limits with judgement
- 1000 memories
- Automatic power off
- Metal case, touch buttons
- LCD display with backlight, can automatically turn 180°
- Overload alarm

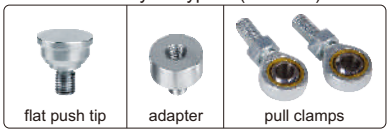
ISF-DF100A type A

ISF-DF5KA type B

accessory for type A (included)



accessory for type B (included)



SPECIFICATION

Code	**ISF-DF 5A**	**ISF-DF 10A**	**ISF-DF 20A**	**ISF-DF 50A**	**ISF-DF 100A**	**ISF-DF 200A**	**ISF-DF 500A**	**ISF-DF 1KA**	**ISF-DF 2KA**	**ISF-DF 5KA**	**ISF-DF 10KA**	**ISF-DF 20KA**
Type	A (internal sensor)								B (external sensor)			
Load capacity (N)	5	10	20	50	100	200	500	1000	2000	5000	10000	20000
Resolution (N)	0.0005	0.001	0.005	0.005	0.01	0.05	0.05	0.1	0.5	0.5	1	5
Accuracy	±0.2% (of load capacity)											
Power supply	built-in rechargeable battery											

STANDARD DELIVERY

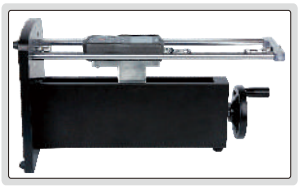
Code	**ISF-DF 5A**	**ISF-DF 10A**	**ISF-DF 20A**	**ISF-DF 50A**	**ISF-DF 100A**	**ISF-DF 200A**	**ISF-DF 500A**	**ISF-DF 1KA**	**ISF-DF 2KA**	**ISF-DF 5KA**	**ISF-DF 10KA**	**ISF-DF 20KA**
Main unit	1pc								1pc			
AC/DC adapter	1pc								1pc			
USB cable and software	1pc								1pc			
Push/pull accessory	6pcs (flat push tip, V push tip, knife-edge push tip, point push tip, pull clamp, extension rod)								4pcs (flat push tip, adapter, pull clamps)			

OPTIONAL ACCESSORY

Printer	**ISF-DF-PRINTER**
Test stand	**ISF-MT1K**

TEST STAND FOR DIGITAL FORCE GAGES CODE ISF-MT1K

- For digital force gages (code **ISF-1DFxx** and **ISF-DFxx**)
- To be used in vertical and horizontal orientation



horizontal orientation test

digital scale (**optional**)

VIDEO

force gages are not included

SPECIFICATION

Load capacity	1000N
Travel	200mm (3mm vertical movement per revolution of handwheel)
Dimension	196 x 250 x 446mm
Weight	13kg

OPTIONAL ACCESSORY

Digital scale (range: 200mm, resolution: 0.01mm/0.0005")	**ISF-MT1K-SCALE**

FORCE GAGES

SPECIFICATION

Code		**ISF-F10**	**ISF-F20**	**ISF-F30**	**ISF-F50**	**ISF-F100**	**ISF-F200**	**ISF-F300**	**ISF-F500**
Capacity	**N**	10	20	30	50	100	200	300	500
	kgf	1	2	3	5	10	20	30	50
Graduation	**N**	0.05	0.1	0.2	0.25	0.5	1	2	2.5
Accuracy		±1% (of load capacity)							

ISF-F500

VIDEO

STANDARD DELIVERY

Main unit	1pc
Push tip	4pcs (flat, V type, knife-edge, point)
Pull clamp	1pc
Extension rod	1pc

OPTIONAL ACCESSORY

Test stand	**ISF-MT500**

- Push and pull test
- Peak (max.) or tracking mode

flat push tip (included)

V type push tip (included)

knife-edge push tip (included)

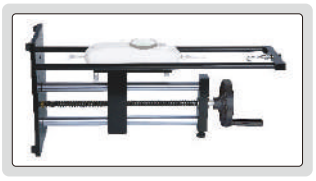
point push tip (included)

pull clamp (included)

extension rod (included)

TEST STAND FOR FORCE GAGES CODE ISF-MT500

- For force gages (code **ISF-Fxx)**
- To be used in vertical and horizontal orientation



horizontal orientation test

VIDEO

force gages are not included

SPECIFICATION

Load capacity	500N
Travel	150mm (3mm vertical movement per revolution of handwheel)
Dimension	160×240×460mm
Weight	12kg

DIAL TENSION GAGES

SPECIFICATION (Unit: N)

Code	**ISF-TGD1**	**ISF-TGD3**	**ISF-TGD5**	**ISF-TG1**	**ISF-TG1D5**	**ISF-TG3**	**ISF-TG5**
Capacity (N)	0.1	0.3	0.5	1	1.5	3	5
Graduation (N)	0.002	0.005	0.01	0.02	0.025	0.05	0.1
Accuracy	±2% (full scale)						
Dimension (L×W×H)	90×47×19mm						
Weight	60g						

SPECIFICATION (Unit: gf)

Code	**ISF-TG10**	**ISF-TG30**	**ISF-TG50**	**ISF-TG100**	**ISF-TG150**	**ISF-TG300**	**ISF-TG500**
Cap acity (gf)	10	30	50	100	150	300	500
Graduation (gf)	0.2	0.5	1	2	2.5	5	10
Accuracy	±2% (full scale)						
Dimension (L×W×H)	90×47×19mm						
Weight	60g						

VIDEO

ISF-TG3

- Clockwise and counter-clockwise use
- For electronic and precision mechanical industry, such as measure contact pressure of relay, adjust the tension or compression of spring