Coating Thickness Gauge IPX-201F

Handheld coating thickness gauge with F-probe for steel substrates

Features

- Clear 4 digit segment LCD display
- Magnetic induction measuring principle
- Non-magnetic coating on ferrous substrates
- Easy calibration

TECHNICAL SPECIFICATION

Principle	Magnetic induction
Application	Non-magnetic coating on ferrous substrates
Display	4 digit segment LCD
Measuring range	0 - 1000 µm with standard probe (15000µm max/600mil max)
Resolution	0 - 99.9µm, 0.1µm 100-1,000µm, 1µm
Accuracy (n = nominal value)	± (1~3%n) or ±2.5µm
Measuring unit	µm/mil
Standard	ISO
Sample	
Min. radius workpiece	Convex 1.5mm Concave 20mm
Min. measuring area	6mm
Min. sample thickness	0.3mm
Battery indicator	Low battery voltage indicator
Operating temperature	0 - 50°C
Power supply	9V 6F22 battery (1 pc) (not included)
Dimensions	140mm x 71mm x 32mm
Weight	260gr

Standard Delivery

- Main unit
- F-probe
- Calibration foil set
- Substrate block (iron)
- Carrying case
- Manual
- INSPEX certificate

Optional Accessories

- INSPEX calibration foils in various thicknesses
- UKAS calibration foils in various thicknesses
- Measuring range:
  0-200µm / 0-8mil
  0-500µm / 0-20mil
  0-2000µm / 0-80mil
  0 up to 15000µm / 600mil
  with different probes

Coating Thickness Gauge IPX-201FN

Handheld coating thickness gauge with F- and N-probes for steel and non-ferrous substrates

Features

- Clear 4 digit segment LCD display
- Magnetic induction / eddy current measuring principle
- Non-magnetic coating on ferrous substrates and insulating coating on non-ferrous conductible substrates
- Easy calibration

TECHNICAL SPECIFICATION

Principle	F: Magnetic induction; N: Eddy current
Application	Non-magnetic coating on ferrous substrates
Display	4 digit segment LCD
Measuring range	0 - 1250 µm / 0 - 50mil
Resolution	0 - 99.9µm, 0.1µm 100-1,000µm, 1µm
Accuracy (n = nominal value)	± (1~3%n) or ±2.5µm or ±0.1mil
Measuring unit	µm/mil
Standard	ISO
Sample	
Min. radius workpiece	F: Convex 1.5mm / Concave 25mm N: Convex 3mm / Concave 50mm
Min. measuring area	6mm
Min. sample thickness	0.3mm
Battery indicator	Low battery voltage indicator
Operating temperature	0 - 50°C
Power supply	9V 6F22 battery (1 pc) (not included)
Dimensions	140mm x 71mm x 32mm
Weight	260gr

Standard Delivery

- Main unit
- N-probe
- F-probe
- Calibration foil set
- Substrate block (aluminium)
- Substrate block (iron)
- Carrying case
- Manual
- INSPEX certificate

Optional Accessories

- INSPEX calibration foils in various thickness
- UKAS calibration foils in various thickness
- Measuring range:
  0-200µm / 0-8mil
  0-500µm / 0-20mil
  0-2000µm / 0-80mil
  F: 0 up to 15000µm/600mil
  N: 0 up to 5000µm/200mil
  with different probes

Coating Thickness Gauge IPX-202F

Handheld coating thickness gauge with F-probe for steel substrates

Features

- With integrated probe
- Magnetic induction measuring principle
- Non-magnetic coating on ferrous substrates

TECHNICAL SPECIFICATION

Operating principle	Magnetic
Measuring range	Metric/Imperial 0~1250μm/0~50mil
Resolution	0.1μm (0~99.9μm)/1μm (100-1250μm)
Accuracy	± (1~3%n) or ±2.5μm or ±0.1mil
Min. radius workpiece	Convex 1.5mm Concave 25mm
Min. measuring area	6mm
Min. sample thickness	0.3mm
Power supply	4x1.5V AAA (UM-4) battery (not included)
Battery indicator	Low battery indicator
Auto switch off	Automatically shut-off
Dimensions	125mm x 62mm x 28 mm
Weight (Not including battery)	85gr

Standard Delivery

- Main unit with integrated F type probe
- F calibration base set
- Calibration foils (4 pcs)
- Carrying case
- Manual
- INSPEX certificate

Optional Accessories

- RS-232 Data output cable
- Software

Coating Thickness Gauge IPX-202FN

Handheld coating thickness gauge with FN-probe for steel and non-ferrous substrates

Features

- With integrated probe
- Magnetic induction / eddy current measuring principle
- Non-magnetic coating on ferrous substrates and insulating coating on non-ferrous conductible substrates

TECHNICAL SPECIFICATION

Operating principle	F Type: Magnetic N Type: Eddy current
Measuring range	Metric/Imperial 0~1250μm/0~50mil
Resolution	0.1μm (0~99.9μm)/1μm (100-1250μm)
Accuracy	± (1~3%n) or ±2.5μm or ±0.1mil
Min. radius workpiece	F: Convex 1.5mm/ Concave 25mm N: Convex 3mm/ Concave 50mm
Min. measuring area	6mm
Min. sample thickness	0.3mm
Power supply	4x1.5V AAA (UM-4) battery (not included)
Battery indicator	Low battery indicator
Auto switch off	Automatically shut-off
Dimensions	125mm x 62mm x 28 mm
Weight (Not including battery)	85gr

Standard Delivery

- Main unit with integrated FN type probe
- F calibration base set
- N calibration base set
- Calibration foils (4 pcs)
- Carrying case
- Manual
- INSPEX certificate

Optional Accessories

- RS-232 Data output cable
- Software

Coating Thickness Gauge IPX-204F

Handheld coating thickness gauge with F-probe for steel substrates

Features

- With external probe
- Magnetic induction measuring principle
- Non-magnetic coating on ferrous substrates

TECHNICAL SPECIFICATION

Operating principle	Magnetic
Measuring range	Metric/Imperial 0~1250μm/0~50mil
Resolution	0.1μm (0~99.9μm)/1μm (100-1250μm)
Accuracy	± (1~3%n) or ±2.5μm or ±0.1mil
Min. radius workpiece	Convex 1.5mm Concave 25mm
Min. measuring area	6mm
Min. sample thickness	0.3mm
Power supply	4x1.5V AAA (UM-4) battery (not included)
Battery indicator	Low battery indicator
Auto switch off	Automatically shut-off
Dimensions	125mm x 62mm x 28 mm
Weight (Not including battery)	85gr

Standard Delivery

- Main unit
- F type probe
- F calibration base set
- Calibration foils (4 pcs)
- Carrying case
- Manual
- INSPEX certificate

Optional Accessories

- RS-232 Data output cable
- Software

Coating Thickness Gauge IPX-204FN

Handheld coating thickness gauge with FN-probe for steel and non-ferrous substrates

Features

- With external probes
- Magnetic induction / eddy current measuring principle
- Non-magnetic coating on ferrous substrates and insulating coating on non-ferrous conductible substrates

TECHNICAL SPECIFICATION

Operating principle	F: Magnetic induction; N: Eddy current
Measuring range	Metric/Imperial 0~1250µm/0~50mil
Resolution	0.1µm (0~99.9µm)/1µm (100-1250µm)
Accuracy	± (1~3%n) or ±2.5µm or ±0.1mil
Min. radius workpiece	F: Convex 1.5mm / Concave 25mm N: Convex 3.0mm / Concave 50mm
Min. measuring area	6mm
Min. sample thickness	0.3mm
Power supply	4x1.5V AAA (UM-4) battery (not included)
Battery indicator	Low battery indicator
Auto switch off	Automatically shut-off
Dimensions	125mm x 62mm x 28 mm
Weight (Not including battery)	85gr

Standard Delivery

- Main unit
- F type probe
- N type probe
- F calibration base set
- N calibration base set
- Calibration foils (4 pcs)
- Carrying case
- Manual
- INSPEX certificate

Optional Accessories

- RS-232 Data output cable
- Software

Coating Thickness Gauge IPX-205FN

Handheld coating thickness gauge with FN-probe for steel and non-ferrous substrates

Features

- External probe
- Large LCD display with backlight
- Storage of 99 groups of measurements
- Non-magnetic coating or ferrous substrates
- Automatic substrate recognition

TECHNICAL SPECIFICATION

Principle	F: Magnetic induction; N: Eddy current
Measuring range	0-1250 um/0-50mil
Resolution	0.1 um (0-99um)/1 um (over 100um)
Accuracy	+/- 1-3% or +/-2.5um or +/-0.1mil
Measuring mode	Single or continuous
Min radius workpiece	Convex: F:1.5mm/N:3mm Concave: F:25mm/N:50mm
Min measuring area	6mm
Min sample thickness	0.3mm
Power supply	2x1.5V AAA (UM-4) battery (not included)
Battery indicator	yes
Auto switch off	Manual or automatic switch off
Dimensions	126mm x 65mm x 35mm
Weight	81gr

Standard Delivery

- Main unit with FN probe
- Calibration foils
- Substrate (Iron)
- Substrate (Aluminium)
- Carrying case
- Manual
- Inspex Certificate

Optional Accessories

- RS-232 Data output cable
- Software
- USB adaptor for RS-232

Coating Thickness Gauge IPX-206FN

Handheld coating thickness gauge with FN-probe for steel and non-ferrous substrates

Features

- Integral probe
- Large LCD display with backlight
- Storage of 99 groups of measurements
- Non-magnetic coating or ferrous substrates
- Automatic substrate recognition

TECHNICAL SPECIFICATION

Principle	F: Magnetic induction; N: Eddy current
Measuring range	0-1250 um/0-50mil
Resolution	0.1 um (0-99um)/1 um (over 100um)
Accuracy	+/- 1-3% or +/-2.5um or +/-0.1mil
Measuring mode	Single or continuous
Min radius workpiece	Convex: F:1.5mm/N:3mm Concave: F:25mm/N:50mm
Min measuring area	6mm
Min sample thickness	0.3mm
Power supply	2x1.5V AAA (UM-4) battery (not included)
Battery indicator	yes
Auto switch off	Manual or automatic switch off
Dimensions	126mm x 65mm x 35mm
Weight	81gr

Standard Delivery

- Main unit with FN probe
- Calibration foils
- Substrate (Iron)
- Substrate (Aluminium)
- Carrying case
- Manual
- Inspex Certificate

Optional Accessories

- RS-232 Data output cable
- Software
- USB adaptor for RS-232

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