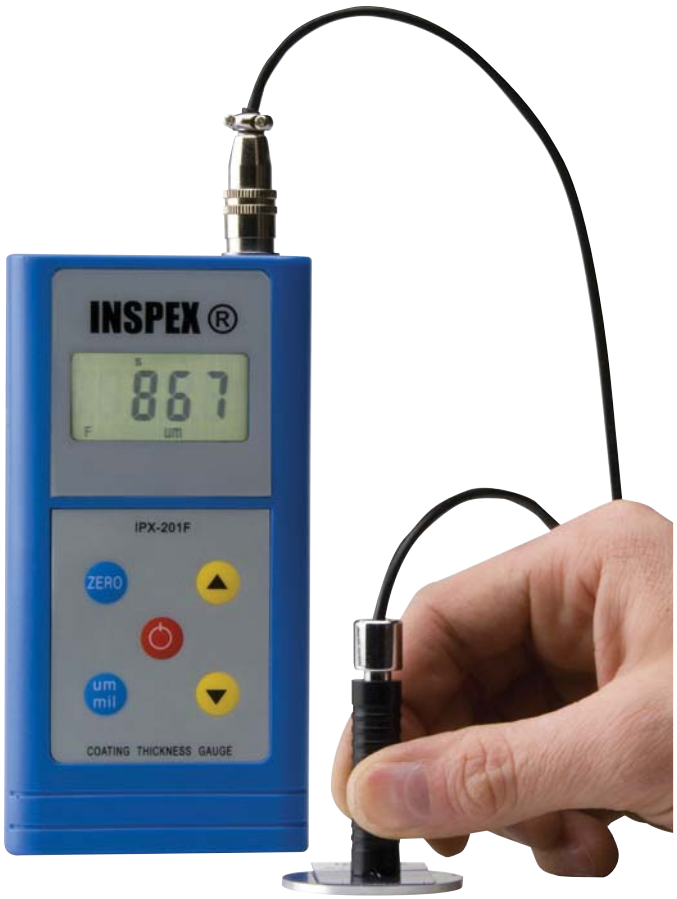
Coating Thickness Gauge IPX-201F

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	0-1000µm 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

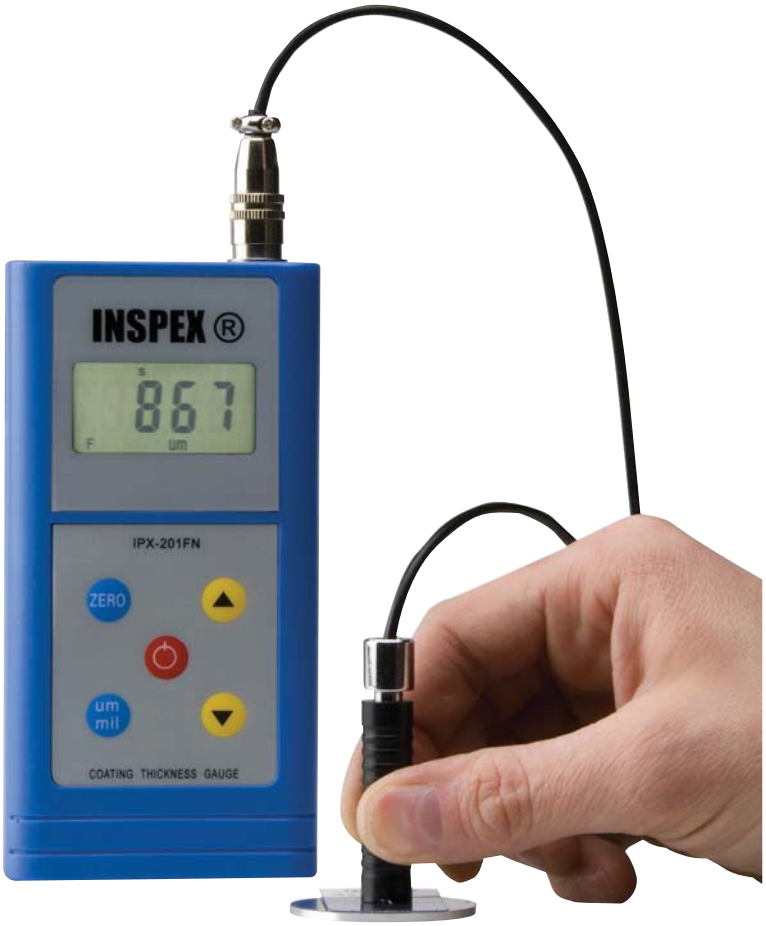
- INSPEX calibration foils in various thicknesses
- UKAS calibration foils in various thicknesses
- Measuring range:
  0-200µm / 0-8mil
  0-500µm / 0-20mil
  0-2000µm / 0-80mil
  0 up to 15000µm / 600mil with different probes

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	0-1250µm / 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

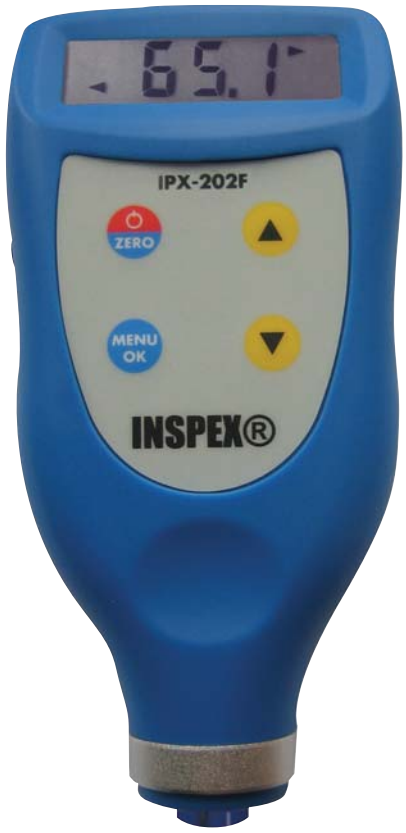
- INSPEX calibration foils in various thickness
- UKAS calibration foils in various thickness
- Measuring range:
  0-200µm / 0-8mil
  0-500µm / 0-20mil
  0-2000µm / 0-80mil
  F: 0 up to 15000µm / 600mil
  N: 0 up to 3000µm / 120mil with different probes

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 28mm
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

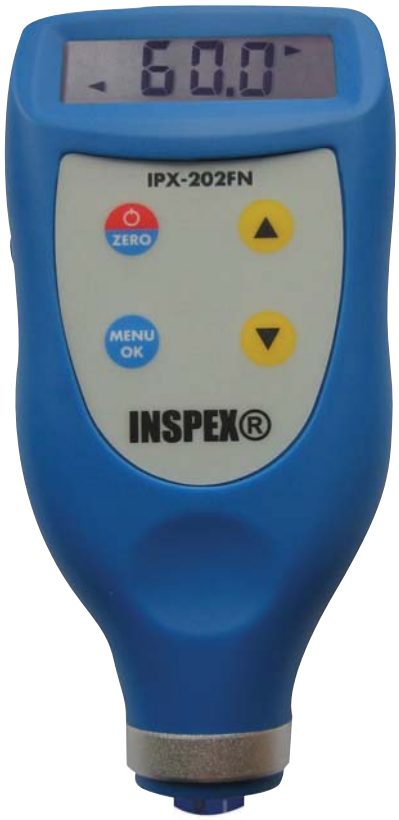
- RS-232 Data output cable
- Software

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 28mm
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

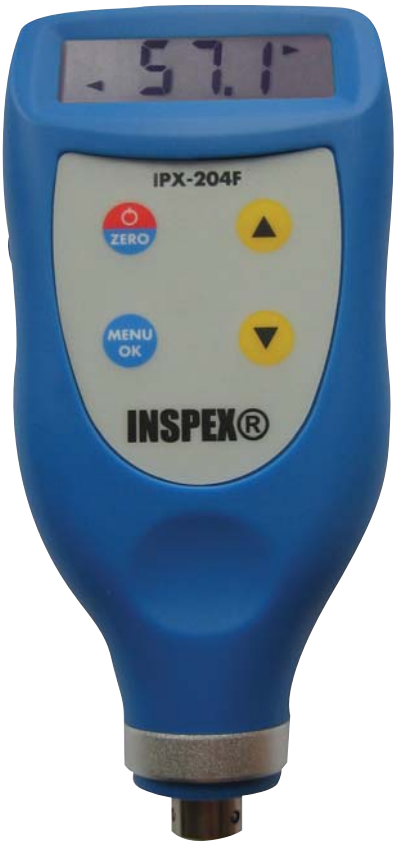
- RS-232 Data output cable
- Software

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 28mm
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

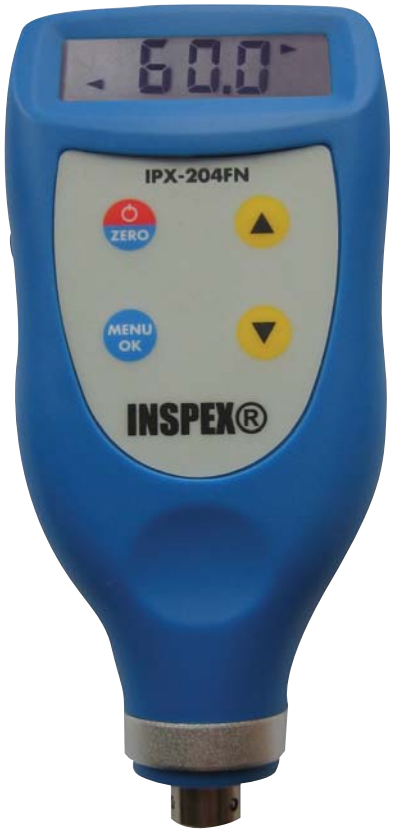
- RS-232 Data output cable
- Software

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	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 28mm
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

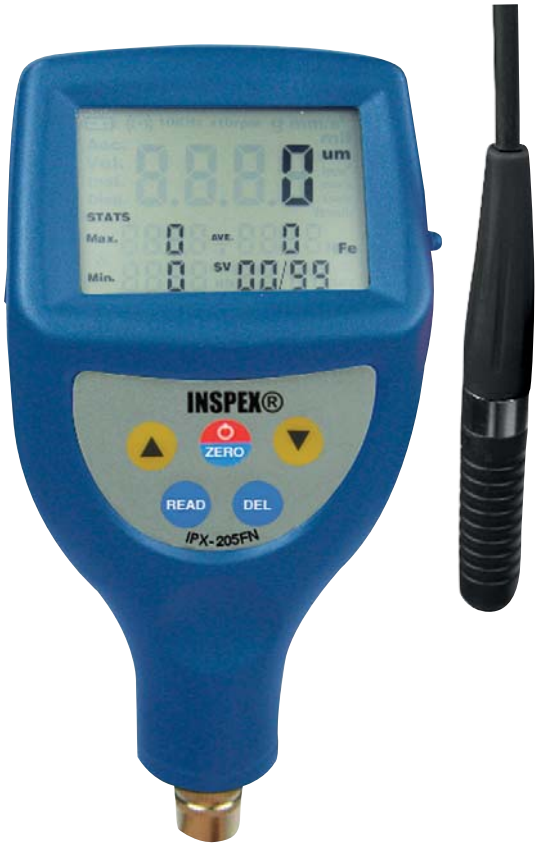
- RS-232 Data output cable
- Software

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	0-1250µm / 0-50mil
Resolution	0.1µm (0-99µm) / 1µm (over 100µm)
Accuracy	+/- 1-3% or +/-2.5µm 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

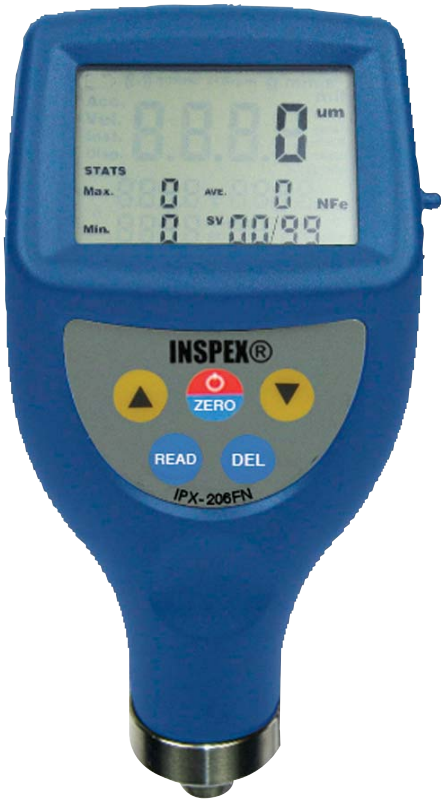
- RS-232 Data output cable
- Software
- USB adaptor for RS-232

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	0-1250µm / 0-50mil
Resolution	0.1µm (0-99µm) / 1µm (over 100µm)
Accuracy	+/- 1-3% or +/-2.5µm 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

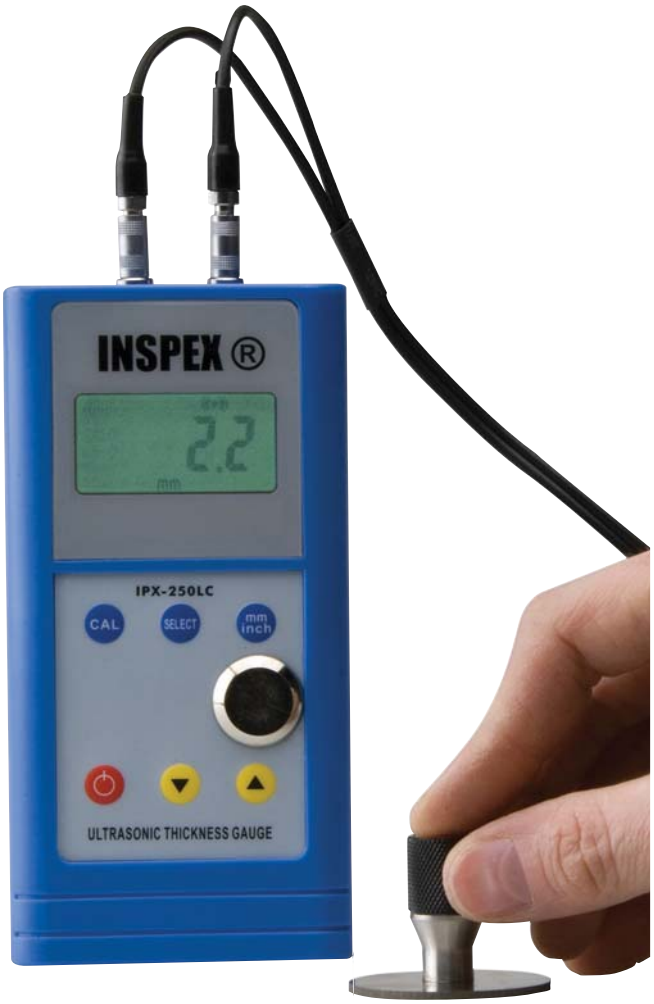
- RS-232 Data output cable
- Software
- USB adaptor for RS-232

Ultrasonic Thickness Gauge IPX-250LC

Handheld ultrasonic thickness gauge basic model with 11 pre-set sound velocity for various materials.

Features

- Basic model ultrasonic wall thickness gauge
- Suitable for various materials through "pre-set sound velocity"
- Standard 5.0MHz transducer included, optional transducers 6.0MHz, 5.0MHz high temperature up to 300°C
- Clear 4-Digit LCD display with settings
- Display resolution at 0.1mm / 0.001"
- Fast calibration on integrated standard block of 5mm (5920m/s)



Standard probe 5.0MHz, 1.2-225mm

Small bore probe 5.0MHz, 1.0-100mm

High temperature probe 5.0MHz up to 300°C, 3-225mm

TECHNICAL SPECIFICATION

Display	4 Digit, segment, LCD
Measuring range	1.2-200mm (45# steel)
Velocity rate	11 materials pre-set
Probe 5.0MHz (standard)	Measuring range 1.5-200.0mm
Probe 6.0MHz (miniature)	Measuring range (steel) 1.0-50.0mm measuring surface 6mm
Probe 5.0MHz (high temperature)	Measuring range (steel) 1.2-225.0mm up to 300°C
Measuring range for steel pipes	Minimum 3mm thickness x 20mm diameter (5MHz probe)
Display resolution	0.1mm - 0.001inch
Calibration On integrated	5.0mm steel standard plate
Measurement accuracy	+/- (0.5%n+0.1)
Measuring units	mm/inch
Surface temperature	Standard 0°C to +50°C (special probes available)
Battery indicator	Low battery voltage indicator
Power supply	9V 6F22 battery (1pc) (not included)
Dimensions	140mm x 71mm x 32mm
Weight	300gr

Standard Delivery

- Main unit
- Standard 5MHz probe
- Integrated steel calibration plate 5.0mm (5920m/s)
- Manual
- INSPEX certificate
- Carrying suitcase

Optional Accessories

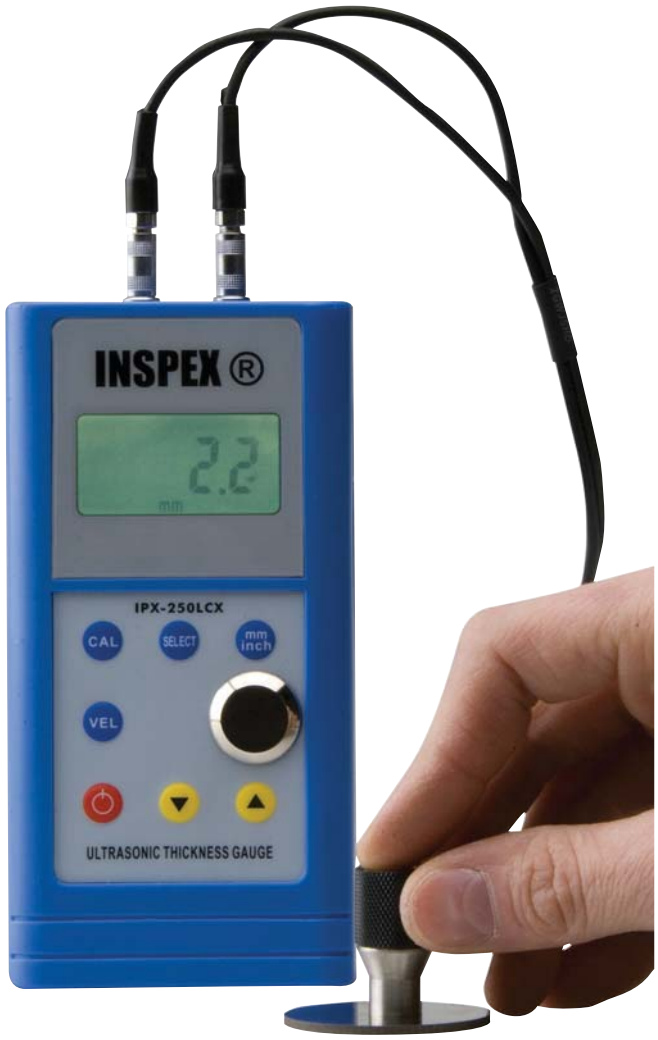
- Standard probe 5.0MHz, 1.2-225mm
- Small bore probe 5.0MHz, 1.0-100mm
- High temperature probe 5.0MHz up to 300°C, 3-225mm

Ultrasonic Thickness Gauge IPX-250LCX

Handheld ultrasonic thickness gauge basic model with selectable sound velocity for various materials.

Features

- Basic model ultrasonic wall thickness gauge
- Suitable for various materials such as steel, stainless steel, aluminium, glass, polystyrene, polyethylene
- Standard 5.0MHz transducer included, optional transducers 6.0MHz, 5.0MHz high temperature up to 300°C
- Sound velocity range 500 up to 9000 m/s
- Clear 4-Digit LCD display with settings
- Display resolution at 0.1mm / 0.001"
- Fast calibration on integrated standard block of 5mm (5920m/s)



Standard probe 5.0MHz, 1.2-225mm

Small bore probe 5.0MHz, 1.0-100mm

High temperature probe 5.0MHz up to 300°C, 3-225mm

TECHNICAL SPECIFICATION

Display	4 Digit, segment, LCD
Measuring range	1.2-200mm (45# steel) (range depends on probe-material combination)
Velocity rate	1000-9000m/s
Probe 5.0MHz (standard)	Measuring range 1.5-200.0mm
Probe 6.0MHz (miniature)	Measuring range (steel) 1.0-50.0mm / measuring surface 6mm
Probe 5.0MHz (high temperature)	Measuring range (steel) 1.2-225.0mm up to 300°C
Measuring range for steel pipes	Minimum 3mm thickness x 20mm diameter (5MHz probe)
Display resolution	0.1mm - 0.001inch
Calibration On integrated	5.0mm steel standard plate
Measurement accuracy	+/- (0.5%n+0.1)
Measuring units	mm/inch
Surface temperature	Standard 0°C to +50°C (special probes available)
Battery indicator	Low battery voltage indicator
Power supply	9V 6F22 battery (1pc) (not included)
Dimensions	140mm x 71mm x 32mm
Weight	300gr

Standard Delivery

- Main unit
- Standard 5MHz probe
- Integrated steel calibration plate 5.0mm (5920m/s)
- Manual
- INSPEX certificate
- Carrying suitcase

Optional Accessories

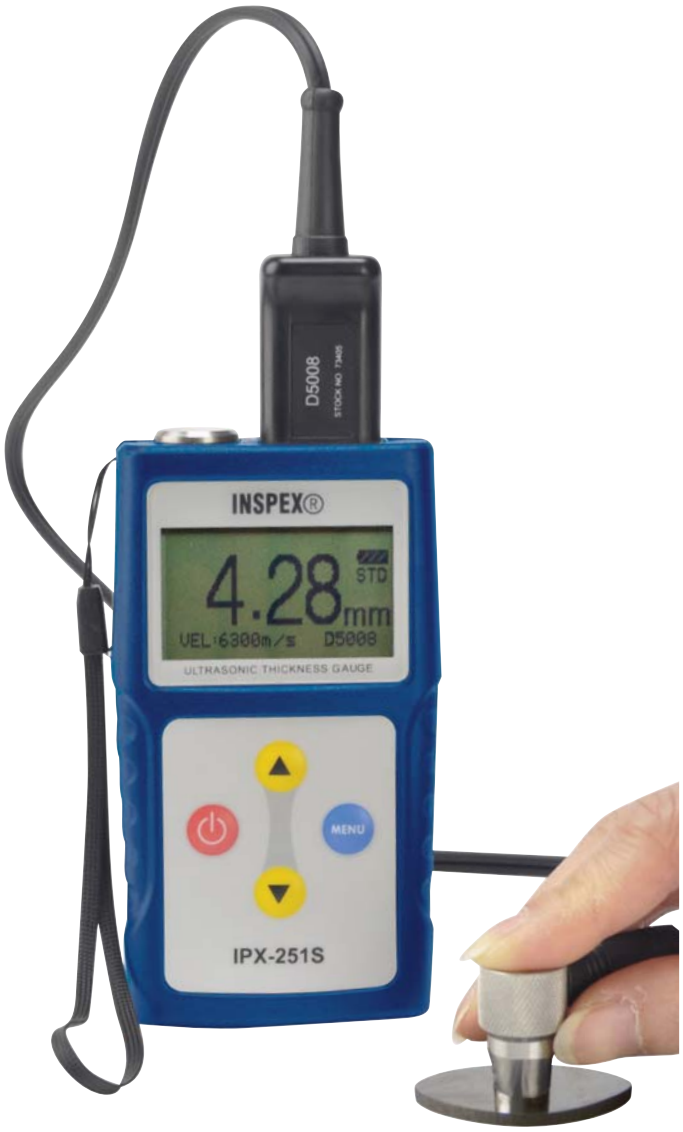
- Standard probe 5.0MHz, 1.2-225mm
- Small bore probe 5.0MHz, 1.0-100mm
- High temperature probe 5.0MHz up to 300°C, 3-225mm

Ultrasonic Thickness Gauge IPX-251S

Handheld ultrasonic thickness gauge for thickness measurement of various materials.

Features

- Pocket size, easy to operate
- Automatic probe Zero calibration
- Automatic probe identification
- Display resolution: 0.01mm / 0.1mm selectable
- Measuring range: 0.65-400mm
  (range depends on probe-material combination)
- Suitable for various materials such as steel, stainless steel, aluminium, glass, polystyrene, polyethylene
- Temp. of material: -15°C-55°C (with standard probe)
- Power Supply: AAA dry cell 1.5 V (2 Pcs) (NOT SUPPLIED)



OPTIONAL PROBES

Freq.	Meas. Range (mm)	Diam Ø	Temp. °C
5.0 MHz	0.8-400	11	< 60°C
5.0 MHz	3.0-200	15.2	< 350°C
7.5 MHz	0.7-50	9	< 60°C
10.0 MHz	0.65-20	6	< 60°C
2.0 MHz	2.0-400	17	< 60°C

TECHNICAL SPECIFICATION

Display	128 x 64 with backlight
Measuring range	0.65-400mm (depends on probe-material combination)
Velocity rate	1000-9999m/s 9 material velocities stored for selection, or input velocity manually
Resolution	0.1mm / 0.01mm selectable
Measuring units	mm/inch
Accuracy	±0.04mm (when thickness<9.99mm) ± (0.1% thickness+0.04) mm (when thickness =10~99.9mm) ±0.3% thickness mm (when thickness>100mm)
Surface temperature	-15°C to +350°C
Battery indicator	Low battery indicator
Power supply	2 Pcs AAA dry cell (NOT SUPPLIED)
Battery lifework	48 hours continuously (without backlight)
Dimensions	115mm x 64mm x 27mm
Weight	220g

Standard Delivery

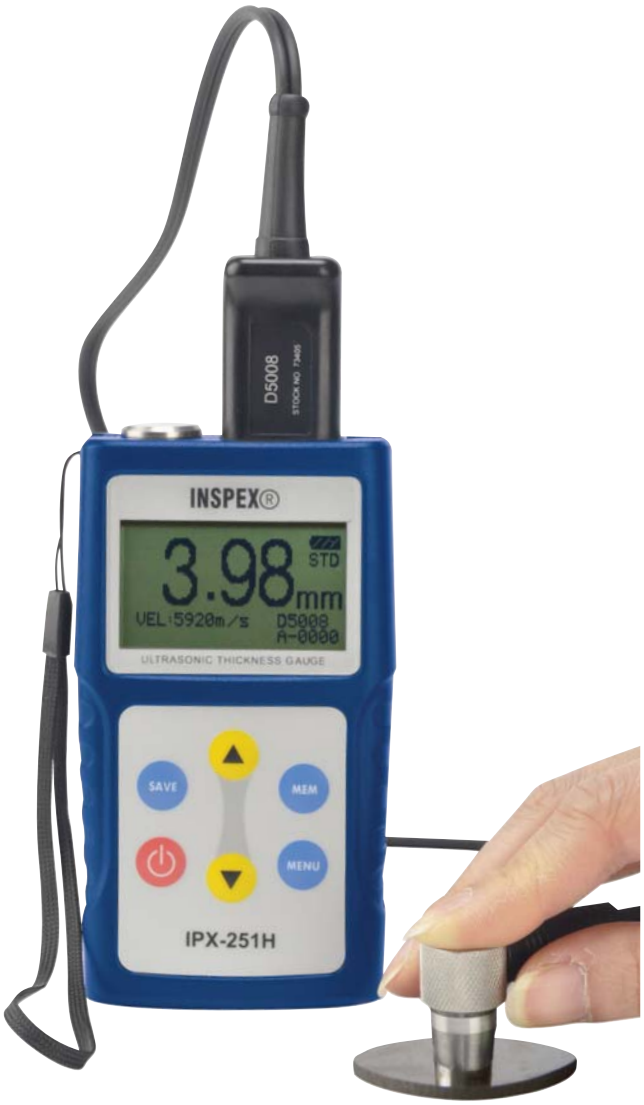
- Main unit
- Standard 5MHZ transducer
- Built-in calibration block 4mm
- Manual
- INSPEX certificate
- Carrying Case

Ultrasonic Thickness Gauge IPX-251H

Handheld ultrasonic thickness gauge for thickness measurement of various materials with large memory and USB output.

Features

- Pocket size, easy to operate
- Automatic probe Zero calibration
- Automatic probe identification
- Display resolution: 0.01mm / 0.1mm selectable
- Measuring range: 0.65-400 mm
  (range depends on probe-material combination)
- Suitable for various materials such as steel, stainless steel, aluminium, glass, polystyrene, polyethylene
- Limit setting: With Low-High Indication and alarm
- Memory: 5000 readings with location number
- Data output: USB to PC
- Temp. of material: -5°C-55°C (with standard probe)
- Power Supply: AAA dry cell 1.5 V (2 Pcs) (NOT SUPPLIED)



OPTIONAL PROBES

Freq.	Meas. Range (mm)	Diam Ø	Temp. °C
5.0 MHz	0.8-400	11	< 60°C
5.0 MHz	3.0-200	15.2	< 350°C
7.5 MHz	0.7-50	9	< 60°C
10.0 MHz	0.65-20	6	< 60°C
2.0 MHz	2.0-400	17	< 60°C

TECHNICAL SPECIFICATION

Display	128 x 64 with backlight
Measuring range	0.65-400mm (depends on probe-material combination)
Velocity rate	1000-9999m/s 9 material velocities stored for selection, or input velocity manually
Resolution	0.1mm / 0.01mm selectable
Measuring units	mm/inch
Accuracy	±0.04mm (when thickness<9.99mm)
Average mode	2~9 times average measurement ± (0.1% thickness+0.04) mm (when thickness =10~99.9mm) ±0.3% thickness mm (when thickness>100mm)
Limit setting	Low-High indication and alarm
Memory	5000 readings with location number
Data output	USB to PC
Surface temperature	-15°C to +350°C
Battery Indicator	Low battery indicator
Power supply	2 Pcs AAA dry cell (NOT SUPPLIED)
Battery lifework	48 Hours continuously (without backlight)
Dimensions	115mm x 64mm x 27mm
Weight	220g

Standard Delivery

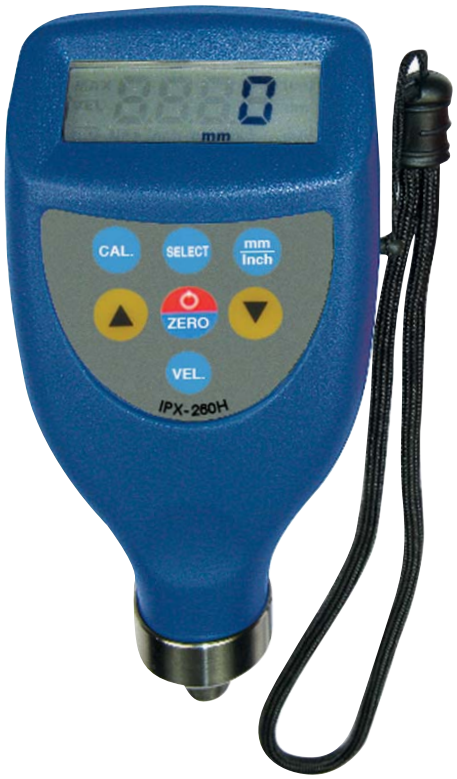
- Main unit
- Standard 5MHZ transducer
- Built-in calibration block 4mm
- Software + cable
- Manual
- INSPEX certificate
- Carrying case

Ultrasonic Thickness Gauge IPX-260H

Handheld ultrasonic thickness gauge for wall thickness measurement of various materials.

Features

- Easy to operate ultrasonic wall thickness gauge
- 5MHz Integral probe
- 4-digit LCD display with backlight
- Suitable for various materials such as steel, stainless steel, aluminium, brass, zinc, glass, polyethylene, PVC



TECHNICAL SPECIFICATION

Display	10mm 4 digit LCD with backlight
Measuring range	1.0-200mm
Resolution	0.1mm / 0.001 inch
Accuracy	+/- (0.5%n+0.1)
Sound velocity	500-9000 m/s
Power supply	4x1.5V AAA (UM-4) battery (not included)
Battery indicator	Yes
Auto switch off	Automatic switch off
Dimensions	135mm x 65mm x 27mm
Weight	81gr

Standard Delivery

- Main unit with 5MHz integral probe
- Test blocks
- Carrying case
- Manual
- Inspex Certificate

Optional Accessories

- RS-232 data output cable
- Software