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Find the *GE / Panametrics 26DL Plus* at our website: ***Click HERE***



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26DL PLUS Thickness Gage

The advanced 26DL PLUS is an ultrasonic gauge designed to measure the remaining wall thickness in corroded or eroded pipes, tanks, or hulls. It combines the benefits of an ultrasonic thickness gage, a powerful internal datalogger, and a sophisticated digital waveform display. All in a single, rugged, handheld package with battery or AC operation to provide you with unprecedented inspection capabilities. The 26DL PLUS also features Automatic Probe Recognition, Fast Scan Mode, Alarm Mode, and High Temperature capabilities, and weighs only 2 lbs (0.9Kg).

WAVEFORM DISPLAY

The Waveform Display (or A-Scan) makes the 26DL PLUS different from conventional gauges. The benefit of this backlit display is that - at the time of measurement - you can examine the ultrasonic waveform. Features such as Zoom, Freeze, Manual Gain Adjust, and Extended Blanking enable you to solve difficult measurement problems.

POWERFUL INTERNAL DATALOGGING SYSTEM

A powerful Internal Datalogging System provides extensive and flexible documentation. It has the capability to store 6150 thickness measurements or 770 measurements with waveforms, all fully documented. Each stored measurement includes a 12- (or optional 16) character alphanumeric Location Code as well as a description of many measurement or waveform conditions.

INTERFACE PROGRAM

The 26DL PLUS comes complete with an Interface Program that lets you take advantage of a wide range of documentation possibilities such as Color-coded Grid Report and Sequential, Grid, Boiler, or Custom File Formats.

THRU-PAINT MEASUREMENTS

Echo-to-Echo Thickness Measurements allow you take true metal thickness measurements with no need to remove paint or coating layers. The 26DL PLUS is the world's first gage to use a dual element transducer for this time-saving feature.

- Corrosion Gauge for use with dual element ultrasonic transducers (a single element transducer is available)
- Standard Measurement Range: 0.020 - 10 inches (0.50 - 200mm)
- Optional Extended Measurement Range: to 20 inches (400mm)
- Resolution up to 0.001" (0.01mm)
- Automatic Probe Recognition automatically adjusts internal parameters and corrects for V-path error
- Optional Echo-to-Echo Measurement with dual or single element transducers
- Optional Color-coded Grid Report
- Fast Mode at 20 measurements per second
- Min/Max Mode, in conjunction with Fast Mode
- Hold/Blank Mode
- Hi-LowAlarm with programmable Hi-Low alarm setpoints with audible and visual indicators
- Differential Mode, keypad selectable
- Auto Sensitivity Gain Optimization
- Zero Compensation adjusts thermal transducer drift
- Battery with 6V Rechargeable NiCad battery pack. Optional replaceable alkaline "C" cells

- Battery life 40 hrs nominal (normal operation), Nicad
- Low battery indicator
- Auto Power Off
- Receiver Bandwidth: 1 - 15MHz (-3dB)
- LCD with Electroluminescent Backlight. Contrast is keypad adjustable. 0.5 inches (12.7mm) numerals
- Keypad is sealed, color coded keypad with tactile and audible feedback
- Inches/millimeters selection
- Operating Temperature: -10 deg C to +50 deg C
- Size: 9 x 5 x 1.5 inches (229 x 127 x 38mm), depth at display is 2.2 inches (56mm)
- Weight 2 lbs (0.9kg)

DATALOGGER AND RS-232:

- Identifies, stores, recalls, clears, and transmits up to 6150 thickness readings or 770 waveforms, and gauge setup information via the full duplex RS-232 Serial. Communications parameters are keypad adjustable.
- 12 (optional 16) character alphanumeric Identification Code system identifies or locates stored data
- Auto Incrementing: datalogger automatically advances to the next alphanumeric location code, starting at the most right character
- Auto Sequencing: datalogger advances to the next alphanumeric location code within a preset sequence. Location code are entered via keypad or computer
- Several File Formats are available: 2-D or 3-D Grid, Boiler Format, Sequential, and 5 Custem Formats
- Comment Codes, 26 user-defined
- Data Transfer Software include with Grid Reports

WAVEFORM DISPLAY

- Half tone graticule, backlit A-Scan image (full wave rectified). Contrast adjustment from the keypad
- Update Rate 4 per second
- Waveform Capture Rate 20 per second
- Zoom Mode expands the horizontal span of the waveform and automatically centers the measured echo
- Freeze Mode freezes the waveform and thickness display
- Waveform Display Range Control sets the horizontal span of the waveform at selected intervals depending on transducer frequency
- Extended Blank adjusts blanking zone to prevent selected echoes or noise from being measured

ORDERING INFORMATION

Model 26DL PLUS Digital Ultrasonic Thickness Gauge with Waveform Verification, AC or Battery Operation, 50- 60Hz, with Internal Datalogger. Including:

· D790-SM Transducer with cable, 5.0MHz, 0434 inch (11mm) tip, temp range -5 deg F to 932 deg F (-20 deg C to 500 deg C)

A full range of substitute probes (transducers) is available

- Charger/Adapter (100, 115, 230VAC)
- Test Block
- Couplant
- RS-232 I/O Cable
- Protective pouch with neck strap
- Carrying Case
- Interface Program
- Instruction Manual
- Two Year Limited Warranty

OPTIONAL ACCESSORIES

- PLUS/EE Echo-to-Echo Measurement
- PLUS/16 16 Alphanumeric Location Code
- PLUS/ER Extended Range" 0.020 to 20 inches (0.50 to 400mm)
- PLUS/EW Extended Limited Warranty, 3rdYear
- 26PR Portable Printer, 80 column, Battery or 115 VAC.
- D-12 Gel Type Couplant, 12 oz. (0.35liter)
- E-2 Ultratherm High Temperature Couplant, up to 1000 degrees F, 2 oz. (0.06 liter)
- F-2 Medium Temperature Couplant, up to 540 degrees F, 2 oz. (0.06 liter)
- 2214E 5-Step Testblock, 1018 steel, English Units: .100", .200", .300",.400",.500" (also in metric)
- 2213E 5-Step Testblock, Aluminum, English Units: .100", .200", .300", .400", .500" (also in metric)



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