

SURFACE INSPECTION PROBES

Benefits...

- Broad frequency ranges.
- Excellent low frequency performance.

Applications...

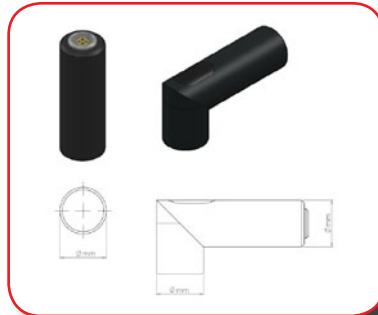
Sub-Surface ID Probes:

Reflection sub surface probes - for general-purpose inspection of sub-surface corrosion and flaws. This probe has excellent depth penetration making it ideal for multi-layer inspections.

Flat-Surface ID Probes:

Absolute metal sorting and general surface probes – low profile so ideal for those tight inspection areas.

The following surface probes have excellent low frequency performance with a wide frequency range, providing focused penetration though several layers of material.



SURFACE INSPECTION PROBE: SUB-SURFACE PROBE

Some of the Key Features for our Sub-Surface ID Inspection Probe include:

- Integrated 4-way Lemo Connector
- Built in balance coils
- Right-angled probes are intrinsically balanced

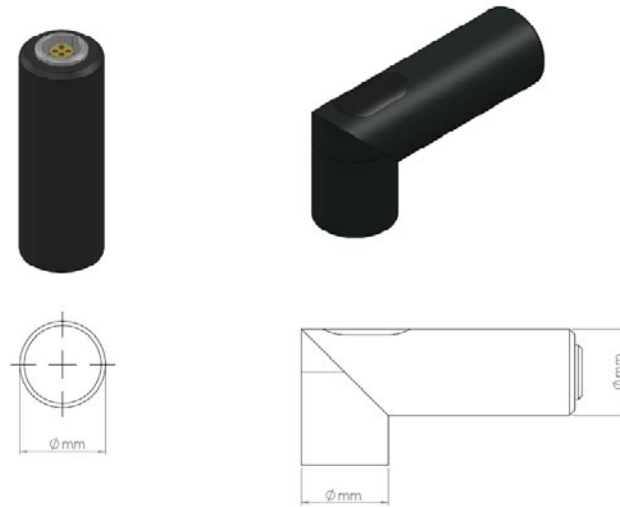


SURFACE INSPECTION PROBE: FLAT-SURFACE PROBE

Some of the Key Features for our Flat-Surface ID Inspection Probe include:

- Integral 1.5m cable
- Built in load
- Low profile

ID SURFACE INSPECTION PROBE: SUB-SURFACE PROBE CODING



ETHer NDE Part No.	Description	Ø	Body Material	Frequency Range	Connector
Probe, Surface, Straight					
PUS07	Probe, Surface, Straight,	7mm	St Steel	1kHz – 100kHz	Lemo 4-Way
PUS08	Probe, Surface, Straight,	8mm	St Steel	1kHz – 100kHz	Lemo 4-Way
PUS11	Probe, Surface, Straight,	11mm	Acetal	300Hz – 100KHz	Lemo 4-Way
PUS13	Probe, Surface, Straight,	13mm	Acetal	200Hz – 200KHz	Lemo 4-Way
PUS16	Probe, Surface, Straight,	16mm	Acetal	300Hz – 100kHz	Lemo 4-Way
PUS24	Probe, Surface, Straight,	24mm	Acetal	80Hz – 60KHz	Lemo 4-Way
PUS32	Probe, Surface, Straight,	32mm	Acetal	80Hz – 60KHz	Lemo 4-Way

ETHer NDE Part No.	Description	Ø	Body Material	Frequency Range	Connector
Probe, Surface, Right Angled					
PUR11	Probe, Surface, Right Angled,	11mm	Acetal	300Hz – 200KHz	Lemo 4-Way
PUR13	Probe, Surface, Right Angled,	13mm	Acetal	200Hz – 200KHz	Lemo 4-Way
PUR16	Probe, Surface, Right Angled,	16mm	Acetal	300Hz – 100kHz	Lemo 4-Way
PUR24	Probe, Surface, Right Angled,	24mm	Acetal	80Hz – 60KHz	Lemo 4-Way
PUR32	Probe, Surface, Right Angled,	32mm	Acetal	80Hz – 60KHz	Lemo 4-Way

LEADS TO FIT A SUB SURFACE ID PROBE

ETHer NDE Part No.	Description	Instrument	Connector Instrument End	Connector Probe End	Cable Length	Configuration
ALL12-L04-015R	Lead	Hocking/GE	Lemo 12-Way	Lemo 4-Way	1.5m	Reflection
ALL07-L04-015R	Lead	Hocking	Lemo 7-Way	Lemo 4-Way	1.5m	Reflection
ALI06-L04-015R	Lead	Hocking	Jaeger 6-Way	Lemo 4-Way	1.5m	Reflection

Please Note...

The lower the frequency the better depth penetration.

ID SURFACE INSPECTION PROBE: FLAT-SURFACE PROBE CODING



ETHer NDE Part No.	Description	Ø	Frequency Range	Inductance (µH)	Connector
Probe, Surface, Flat					***
PUF127-001-010-***	Probe, Surface, Flat	12.7	1.5kHz – 10kHz	3900	Add: L07 for Lemo 7Way
PUF127-005-040-***	Probe, Surface, Flat	12.7	5kHz - 40kHz	560	
PUF127-050-400-***	Probe, Surface, Flat	12.7	50kHz – 400kHz	56	
PUF127-250-02M-***	Probe, Surface, Flat	12.7	250kHz – 2MHz	12	
PUF127-500-06M-***	Probe, Surface, Flat	12.7	500kHz – 6MHz	5.6	
PUF190-001-010-***	Probe, Surface, Flat	19	1.5kHz – 10kHz	3900	L12 for Lemo 12Way
PUF190-005-040-***	Probe, Surface, Flat	19	5kHz-40kHz	560	
PUF190-050-400-***	Probe, Surface, Flat	19	50kHz – 400kHz	56	J06 for Jaeger 6-Way
PUF190-250-02M-***	Probe, Surface, Flat	19	250kHz – 2MHz	12	

Please Note...

The built in load reduces thermal effect.