

Extension Handles

UT probe accessories to facilitate accurate, fast and reliable measurements across all temperatures.

Keywords: corrosion, erosion, on-stream inspection, extreme environments, high temperature, port inspection, extension wand



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DESCRIPTION

Detachable handles to extend the reach of the HotSense UT probes to provide extra grip when wearing PPE and protect the user from extreme temperatures. Specifically designed to make port inspections easier and safer.

The handles are simply screwed on to the back of the ultrasonic transducer using the integrated threads.

Probes may be switched between handles providing versatility across different applications.

Optional strain relief on the 2" handle has a sealing gland which clamps around the cables to provide additional protection from water, couplant and debris ingress to the probe connector. Ideal for hand held use or automated scanning.

BENEFITS

- Extend the reach of the UT probe to protect the user from extreme temperatures.
- Provides additional grip when handling the probe whilst wearing personal protective equipment (PPE).
- Protects the cable and probe connections from mechanical damage
- Strain relief with 2" handle prevents water and dirt build up at the back of the probe
- Light-weight with knurled surface to enhance grip
- Hot swappable to adapt handle length as required for the application
- Compatible with all standard, non-armoured cables

APPLICATIONS

- Any extreme environment, or high-temperature spot or grid measurement
- Ideal for port inspections
- 2" handle and strain relief provide connector protection and cable lift off during probe scanning
- 6" and 12" handles are ideal for ultra high-temperature (>350 °C / 662 °F) measurements

2" handle with strain relief



Description	Product Code	Unit
2" handle with strain relief*	ACC-18-002	Each
6" port inspection handle	ACC-18-006	Each
12" port inspection handle	ACC-18-012	Each

*compatible with Ionix high-temperature cables, and 3rd party, non-armoured cables

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Accessories



Couplant Dispenser

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HS5821
S/N INX02828



DESCRIPTION

A spring mounted sheath which protects and maintains high-temperature couplant applied to the probe tip whilst assisting with probe alignment.

Used in conjunction with a 2", 6" or 12" extension handle.

Ideal for port inspections when coupled with the 6" or 12" handle extension.

BENEFITS

- Increase the speed of inspections by ensuring proper probe alignment and easy, even, application of couplant
- Reduce the time spent in hazardous, high-temperature locations
- Increase probe lifetime by preventing damage when inserting through ports

APPLICATIONS

- Any extreme environment, or high-temperature spot or grid measurement
- Ideal for port inspections



Couplant protector and handle

Description	Product Code	Unit
Couplant dispenser*	ACC-CD-000	Each
*requires extension handle. Compatible with 2", 6" and 12" extension handles		

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Accessories



High-temperature dual cable

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DESCRIPTION

High quality, heat and abrasion resistant dual UT cables to connect the probe to any thickness gauge or flaw detector using Lemo 00 connectors.

All cables are high-temperature resistant, dual co-axial cables protected using a fibreglass outer jacket for continuous use up to 250 C (392 F) or intermediate use up to 550 C

The cable is compatible with all the handle extensions, including the 2" handle and strain relief. The cable may be purchased as part of a complete kit.

BENEFITS

- The fibreglass outer jacket provides heat and abrasion resistance to the cable assembly without impacting flexibility and keeping it lightweight.
- Fibreglass, as opposed to a flexible metal conduit, prevents conduction of heat through the cable reducing risk of burning the operator or damaging equipment
- The cable uses common connectors to allow integration to all thickness gauges and flaw detectors which use the Lemo 00 connectors. Adapters are available for other connectors.

APPLICATIONS

- Any high-temperature thickness spot or grid measurement
- Ideal for scanning application where a robust, lightweight cable option is required.



High temperature cable with 2" handle and strain relief

Description	Product Code	Unit
High temperature dual UT cable (1.5 m) Microdot to Lemo 00	ACC-CB-015	Each
Complete assembly - HT cable (1.5m) microdot to Lemo 00 + 2" handle with strain relief	ACC-CB-115	Each

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Accessories



3rd Party Armoured Cable Adapter

UT probe accessories to facilitate accurate, fast and reliable measurements across all temperatures.

Keywords: corrosion, erosion, on-stream inspection, extreme environments, high temperature, cables

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DESCRIPTION

An adapter to allow the use of third party metal armoured cables and strain reliefs. Allows for current cables to be-repurposed when switching to the HS582i with direct integration with the probe.

Contact Ionix to confirm cable compatibility.

BENEFITS

- Re-purpose and re-use current metal armoured cables and transducer guards or strain reliefs from common 3rd party vendors.
- Fast switching to using the HS582i using your standard gauges and cables to reduce inspection times and extend probe lifetime compared to standard UT probes.

APPLICATIONS

- Any high-temperature thickness spot or grid measurements with existing cabling solutions.



Description	Product Code	Unit
3rd party armoured cable adapter Contact Ionix for compatibility information	ACC-AD-001	Each



Want to discuss your demanding environment needs?

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