

Extension Handles

Probe accessories to facilitate accurate, fast and reliable measurements across all temperatures



DESCRIPTION

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

The handles are simply screwed onto the back of the HS582i probe using the integrated threads.

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

The strain relief on the 2" handle has a gland which clamps around the cables to provide additional strain relief and protection from water, couplant and debris ingress to the probe connector.

BENEFITS

- Extend the reach of the probe to protect the user from extreme temperatures
- Provides additional grip when handling the probe whilst wearing PPE
- Protects the cable and probe connections from mechanical damage
- Strain relief with 2" handle prevents water and dirt from building up at the back of the probe
- Light-weight with knurling to enhance grip
- Compatible with all standard, non-armoured cables
- Any high temperature thickness spot or grid measurement
- Ideal for port inspections
- 2" handle and strain relief provide connector protection during probe scanning
- 6" and 12" handles ideal for ultra high temperature (>350 °C) measurements

APPLICATIONS

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.		



Dual Probe Accessories

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Couplant Dispenser

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DESCRIPTION

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

Must be used in conjunction with a 2, 6 or 12" extension handle.

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

BENEFITS

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

APPLICATIONS

- Any high temperature thickness spot or grid measurement
- Ideal for port inspections



**Couplant Protector
& Handle**

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



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High Temperature Cables

Probe accessories to facilitate accurate, fast and reliable measurements across all temperatures



DESCRIPTION

High quality, heat and abrasion resistant cables to connect HS582i directly to any thickness gauge or flaw detector using Lemo 00 connectors.

All cables are high temperature co-axial cables and are protected using a fibreglass outer jacket for continuous use up to 200 °C (392 °F).

The cable is compatible with all the HS582i handle extensions, including the 2" handle and strain relief.

The cable may be purchased as part of a complete kit with the 2" handle and strain relief

BENEFITS

- The fibreglass outer jacket provides heat and abrasion resistance to the cable without impacting flexibility and without adding extra weight.
- The use of a fibreglass jacket, as opposed to a flexible metal conduit, prevents the conduction of heat down the cable reducing the risk of burning the operator or damaging equipment.
- The cable uses standard connectors which allow the HS582i probe to be connected to all thickness gauges and flaw detectors which use Lemo 00 connectors. Adaptors can be used for other connectors.

APPLICATIONS

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



High temperature cable with 2" Handle and strain relief

Description	Product Code	Unit
High Temperature Cable 1.5m microdot to Lemo 00	ACC-CB-015	Each
Complete Assembly— High Temperature Cable 1.5m microdot to Lemo 00 + 2" handle and strain relief	ACC-CB-115	Each



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3rd Party Armoured Cable Adaptor

Probe accessories to facilitate accurate, fast and reliable measurements across all temperatures



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ADVANCED
TECHNOLOGIES

DESCRIPTION

A strain relief and adaptor to allow the use of third party metal armoured cables and strain reliefs. Allows for current cables to be repurposed when switching to HS582i with direct integration with the probe. Contact Ionix to confirm cable compatibility.

BENEFITS

- Repurpose and reuse current metal armoured cables and strain reliefs from common 3rd party vendors
- Switch to using HS582i now using your standard gauges and cables to gain to reduce inspection times and extended probe lifetime compared to standard UT probes.

APPLICATIONS

- High temperature thickness spot or grid measurement utilising current cabling options



Description	Product Code	Unit
3rd Party Armoured Cable Adaptor—contact Ionix for compatibility information	ACC-AD-001	Each



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