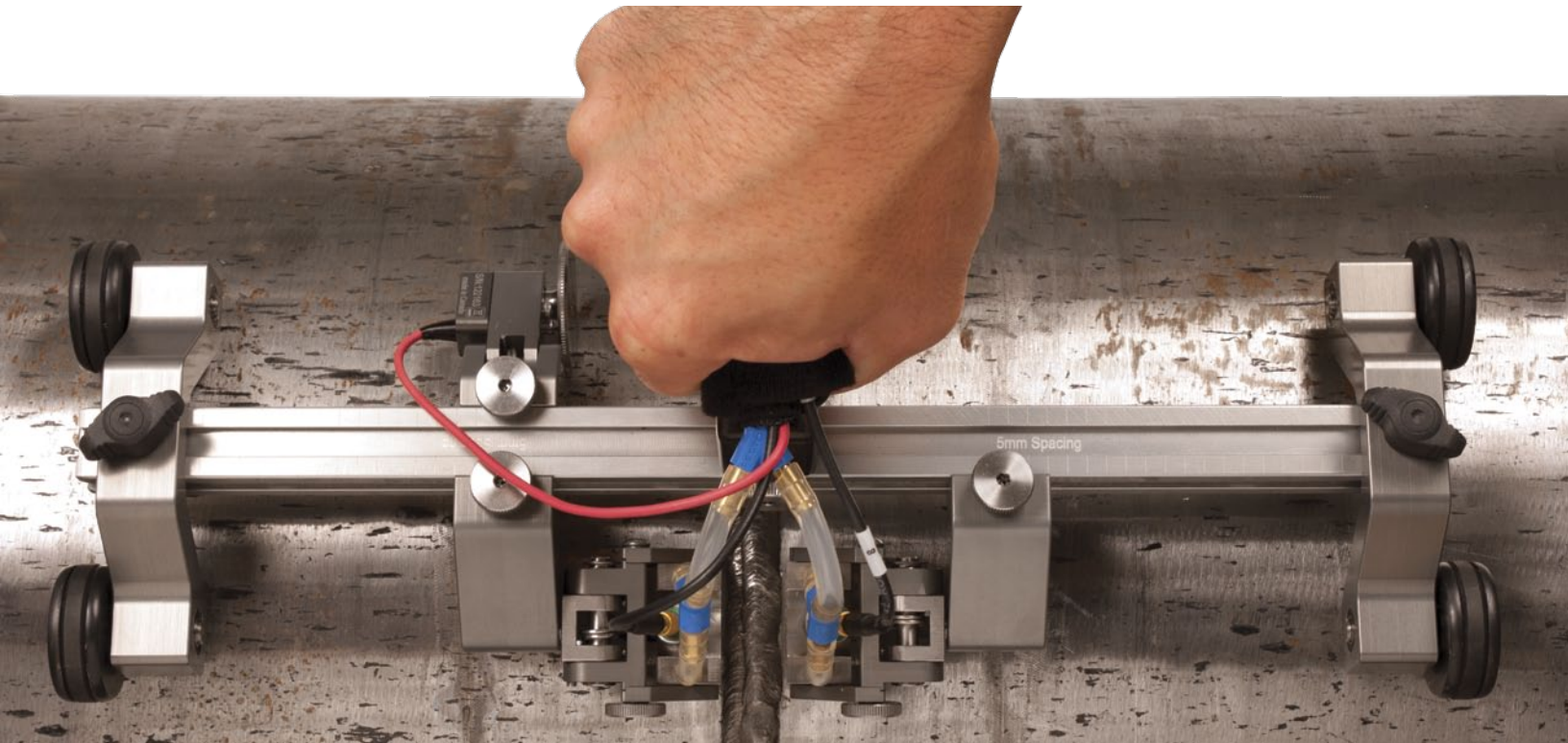


TOFD Weld Inspection Manual One-Axis Scanner



The new HST-Lite scanner is the perfect choice for cost-effective, one-channel TOFD inspections when signal quality is important. The combination of magnetic wheels and spring-loaded probe holders offer the stability required to perform high quality, one-line inspections. The scanner can be operated using only one hand, and will attach to ferromagnetic surfaces even when in an upside-down position.

The scanner's position can be encoded around the circumference of pipes as small as 4.5 in. (114.3 mm) OD, as well as on flat surfaces. Adjustment of the different scanner components can be performed without tools.

Features

- Circumferential scans performed with two TOFD probes on pipes 4.5 in. (114.3 mm) OD, or greater.
- Four magnetic wheels firmly attach the unit to ferromagnetic inspection surfaces.
- Light aluminum frame.
- Independently positioned and spring-loaded probe holders.
- Waterproof, spring-loaded encoder with 9 step/mm resolution.
- Removable handle for lower profile.
- Attachment devices for umbilical cables.
- The frame design enables probes to be positioned outside the wheels (2 additional magnetic wheels are required).
- Engraved references on the scanner and pointer on the probe holders ensure easy probe separation measurement.



Standard Inclusions

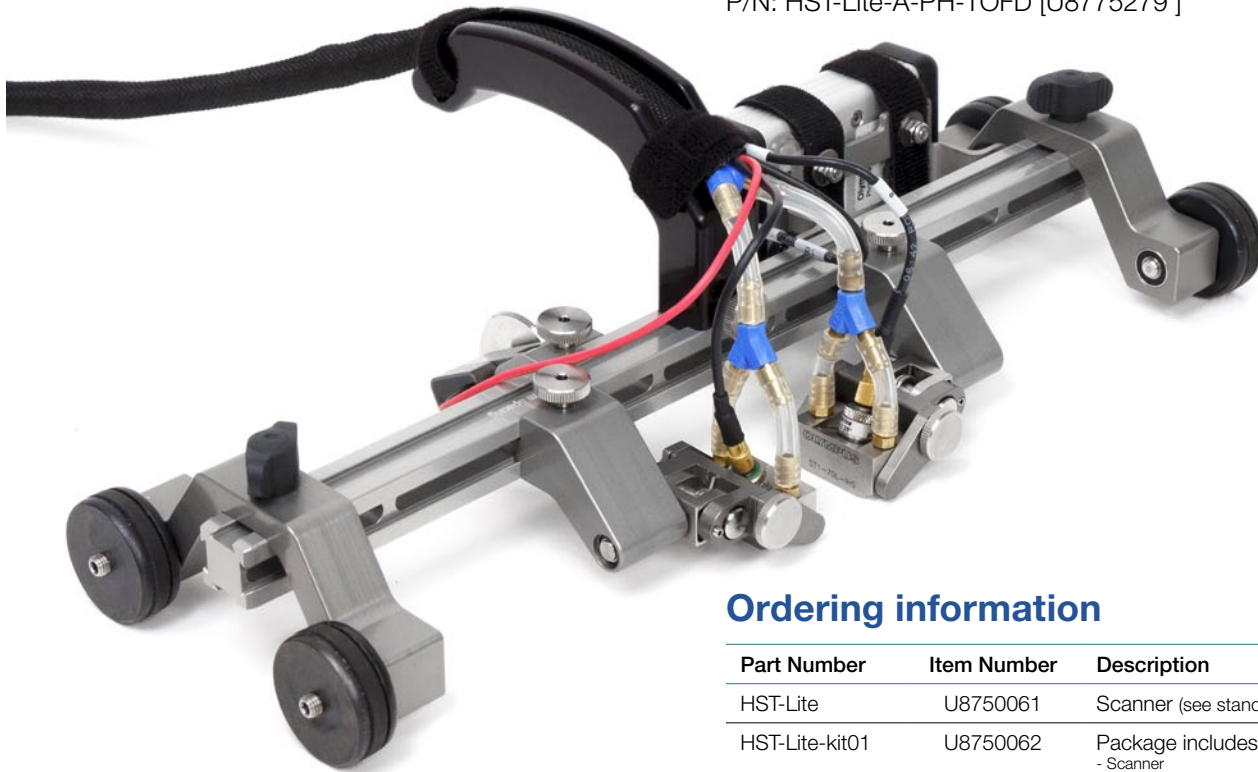
- Scanner frame with handle.
- Four magnetic wheels.
- OmniScan-compatible, waterproof, spring-loaded wheel encoder with 5 m cable.
- Two spring-loaded arms (SLA) with TOFD-P/E yokes (31.75 mm wide with 5 mm diameter buttons).
- Irrigation tubing and accessories.
- Cable conduit.
- Carrying case.

Note: Probes and wedges are not included with the scanner.

Specifications

Length in Scan Axis (mm)	Width (mm)	Height (mm)	Weight (kg)
125	385	100*	1.3

*67 mm without handle



Options

5682 Remote Preamp Kit

P/N: 5682-KIT02 [U8779091]

Couplant-Feed Units

P/N: WTR-SPRAYER-8L [U8775001]

TomoScan FOCUS LT Encoder Cable Adaptor

P/N: C1-DE15F-BXM-0.30M [U8767107]

Magnetic Wheels

P/N: CHAINSCAN-A-MWHEEL [U8779383]

Replacement Encoder

P/N: HST-Lite-SP-ENC [U8775277]

Extra Handle

P/N: HST-Lite-A-Handle [U8775278]

Extra TOFD Probe Holder Kit

P/N: HST-Lite-A-PH-TOFD [U8775279]

Ordering information

Part Number	Item Number	Description
HST-Lite	U8750061	Scanner (see standard inclusions)
HST-Lite-kit01	U8750062	Package includes: - Scanner - 2x 10 MHz, 3 mm TOFD probes - 2x 5 MHz 6 mm TOFD probes - 2x ST1-45L-IHS - 2x ST1-60L-IHS - 2x ST1-70L-IHS - 2x 5 m LEMO 00 to Microdot UT cables - 2x LEMO 00 to BNC adaptors

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OLYMPUS NDT INC. is ISO 9001 and 14001 certified

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