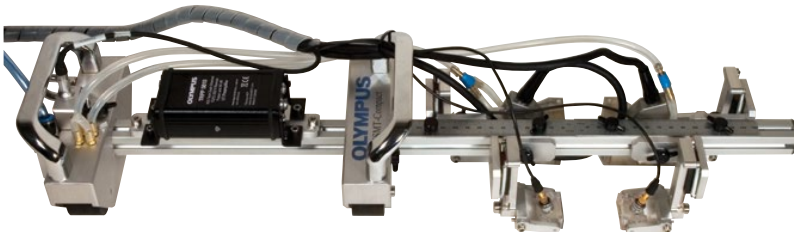


## HSMT-Compact™ Scanner for Weld Inspection



The HSMT-Compact™ manual one-axis encoded scanner is designed for maintenance weld inspection. It is small, light, and versatile and can be used with up to four probes on plates as well as for circumferential scans on pipes as small as 4.5 in. (114.3 mm) OD. The scanner width can be adjusted and the frame can be extended outside the limit of the wheels to provide a configuration that is suitable for hard-to-reach places, such as pipe-to-component welds.



This configuration is suitable for hard-to-reach places, such as pipe-to-component welds.

### Options

#### Divisible Cable Conduit

See the accessories section on page 30.

#### Couplant-Feed Units

See the accessories section on page 33.

#### Remote Pulsar/Preamplifier

See the accessories section on page 28.

#### Extra Probe Holder Kit

Set of two short, spring-loaded arms (SLA) mounted on 90° brackets.

P/N: OPTX0739 [U8779086]

#### Yokes

See the accessories section on page 34.

#### Replacement Encoder

P/N: ACIX895 [U8775097]

#### Spare Parts Kit

P/N: OPTX689 [U8775021]

### Features

- Enables circumferential scan using up to four probes (UT or PA) on 4.5 in. (114.3 mm) OD pipes, or greater.
- Four plastic-covered magnetic wheels hold the unit against a ferromagnetic inspection surface.
- Light aluminum frame with customizable width.
- The frame design enables probes to be positioned outside the wheels.
- Independently positioned and spring-loaded probe holders.
- Waterproof, spring-loaded encoder with a 12 steps/mm resolution.
- Removable handles for lower profile.
- Attachment devices for umbilical cables.
- An integrated water manifold that simplifies couplant distribution.
- Metric/US Customary unit rulers on the scanner for easy probe separation measurement.

### Standard Inclusions

- Scanner frame with handles, and:
  - 250 mm (10 in.) frame bar
  - 450 mm (18 in.) frame bar
  - 650 mm (26 in.) frame bar
- Four plastic-covered magnetic wheels.
- Waterproof, spring-loaded wheel encoder with a 5 m cable.
- Four 90° probe holder brackets.
- Four spring-loaded arms (SLA).
- Four TOFD-P/E 31.75 mm yokes.
- Two PA 40 mm x 38 mm yokes.
- Two 55 mm yoke arm pairs
- Irrigation tubing and accessories.
- Cable conduit attachment fixture.
- Carrying case.

Note: the umbilical cable, probes, and wedges are not included with the scanner.

### Specifications

Length in Scan Axis (mm)	Width (mm)	Height (mm)	Weight (kg)
152	94 + bar length	102	3.2