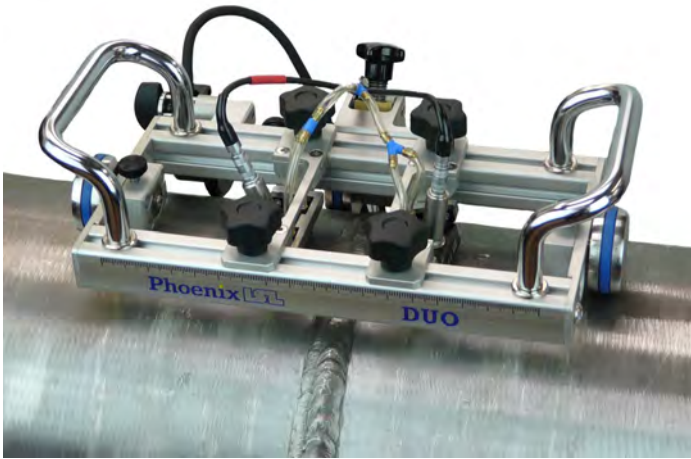


# Duo

## Robust TOFD scanner



Standard Duo scanner with wheels

The Duo scanner is a robust, ergonomic scanning frame with operator-friendly features offering fast setup and reliable, repeatable TOFD inspections of pipe welds, from 2"OD up to flat plate.

### Benefits

- Solid construction for on-site conditions
- Fast tool-free adjustments
- Magnetic wheels provide adhesion and tracking capabilities
- Brake for hand repositioning
- Accurate and simple probe separation adjustment using graduated scale
- Operator friendly for fast inspections
- Cost effective, high-performance TOFD solution
- Low-cost option without wheels available
- Operates with any flaw detection system

Designed to incorporate the most popular features of existing Phoenix TOFD scanners, Duo combines the benefits of simple, tool-less probe installation and adjustment with a sturdy frame complete with handles which ensure ease of operation and movement around pipes.

Engineered from durable, light-weight aluminium, Duo is suited to all on-site conditions, providing long term repeatability.

Wedges snap in and out of the Duo scanner frame without the need to unscrew any parts. Probe separation is quick and simple to adjust with a graduated scale which allows accurate positioning whilst maintaining probe alignment. Equipped with three strong magnetic wheels that provide adhesion and accurate tracking, the scanner also incorporates tool-free adjustments for varying pipe sizes and a brake for hand repositioning, so is ideal for rope access inspections.



Hand-held Duo scanner

The Duo frame is also available without wheels for a low-cost hand-held scanning solution.

Economical yet packed full of features, Duo is a robust operator-friendly TOFD scanner for reliable on-site pipe weld inspections.

### Features

- Robust, ergonomic frame
- Handles for ease of use
- Three magnetic wheels for adhesion and accurate tracking
- A brake for hand repositioning
- Quick release wedges
- Range: 2"OD up to flat
- Spring loaded waterproof wheel encoder. IP68 rated (immersion up to 1m)
- Encoder Resolution: 65.6 steps/mm
- Graduated scale provides accurate probe positioning whilst maintaining alignment
- Lightweight: 1.25 kilograms
- Compact design: 240 x 180 x 80mm (with wheels)

### Options and Accessories

- PRE-AMP-TOFD PreAmplifier (40dB)
- AEP- MAN-LASER-GUIDE Laser Guide
- AEP-ENCWP-5M-TERM Replacement Encoder
- TOFD Probe Range
- TOFD Wedges



### Kit

- Duo scanning frame (with/out magnetic wheels - see order information)
- Spring loaded waterproof wheel encoder
- Durable carry case



### Order Information

Code	Description
AE-DUO	Duo scanner with wheels
AE-DUO-FRAME	Hand-held Duo scanner (no wheels)

### Scan

For more  
Information  
about Duo

