

WREN

Weld Root Erosion Scanner



WREN 4 - Weld Root Erosion Scanner

Features

- TOFD scanner for weld root erosion or general TOFD inspection
- 100mm or 200mm long TOFD scanning frame
- Can be operated using one hand
- Ideal for site use in areas with minimum access

This hand held, single axis scanner is ideal for TOFD inspection of welds of any material. The WREN can be operated using one hand so is particularly operator-friendly for site use, especially in areas with difficult access.

A compact frame for accurately positioning transducers for TOFD inspection of welds. Available in two lengths: the WREN 4 is 100mm and the WREN 8 is 200mm. The scanner provides a sturdy, accurate frame giving high quality, reliable inspection data. The WREN operates in any orientation on surfaces from 2" pipe up to flat plate, suitable for inspecting welds on pipework, pressure vessels, storage tanks and structural components.

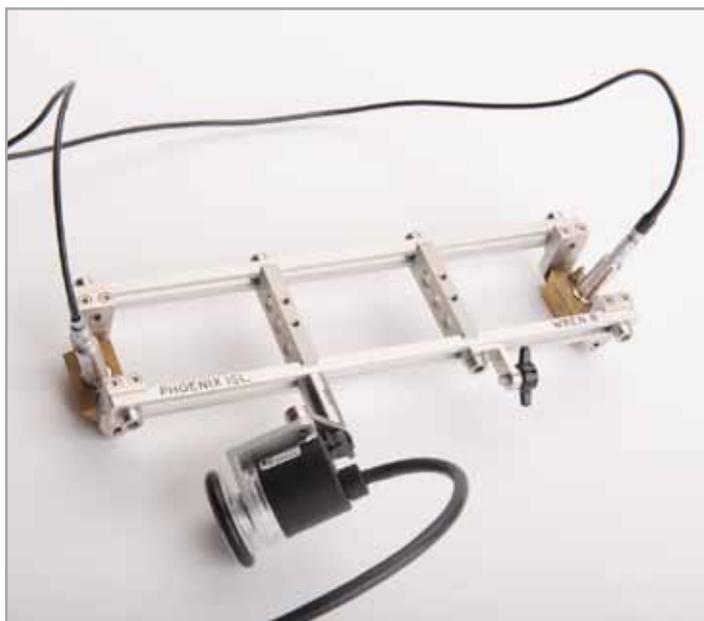
The WREN holds a single pair of transducers with the wedges attached to the scanner using spring-loaded gimbaling pins. The attachment of the wedges allows some compliance between the two TOFD transducers permitting inspection on mismatched or irregular welds.

The WREN is compatible with the full range of wedges and TOFD transducers. Wedges can be plastic, brass, or stainless steel and are available at 45°, 60° and 70° as standard. Minimal contact area wedges are also available for inspection in difficult to access areas and for minimising the transducer separation for specific inspections. The WREN can operate with any encoded TOFD instrument. It includes a wheel encoder wired to suit any manufacturers instrumentation.

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WREN 4 on 2" pipe



WREN 8

Accessories

- Spring-loaded, quick release gimballed TOFD wedges
- M12 thread type TOFD Transducers
- WREN wedges or standard M12 wedges

Standard WREN Scanner Kit

- 1 x 100mm or 200mm TOFD scanning frame (*specify when ordering*)
- 1 x Linear encoder
- 1 x Protective carry case

