



NANOSCAN

The compact multi-purpose scanner for multi-purpose inspection

The NanoScan is the first multi-functional magnetic wheeled hand scanner designed specially for advanced ultrasonic techniques such as Phased Array, TOFD, B-scan, C-scan and Short Range Guided Wave (SRGW).

- 1 scanner addressing multiple applications
- Minimum training operation, easy fix & adjustment
- Competitive price
- Rugged for field use
- Compatible with all probes & flaw detectors

Proven excellence for weld inspections.



Features

- New Features – Enclosed drive train, detachable encoder cable, new and improved nozzle attachment, quick detachable gimble
- Price – Lowest cost magnetic wheel scanner
- Design – Holds most phased array and TOFD probes / wedges
- Magnetic wheels – Strong bond to ferrous materials
- Encoder – High resolution, non-contact, waterproof IP68
- Compatible – Works with most flaw detectors



Phased Array
Nozzle Inspection



0-degree B-Scan



Phased Array
Weld Inspection

→ TECHNICAL SPECIFICATION

GENERAL	
Scanner dimensions	5 x 6 x 3" 12 x 15 x 7.6 cm
Weight	1.5 lb / 0.8 kg
Operating environment	Up to 500°F / 260°C
Encoder resolution	766 ticks / in 30.15 ticks / mm
Encoder cable	5 m
Circumferential OD	4 up to 24" 10 up to 61 cm
Travel case dimensions	15 x 12 x 7" 38 x 31 x 18 cm

BASIC KIT INCLUDES
<ul style="list-style-type: none"> • Kit 1: Encoded truck and gimble • Kit 2: Encoded truck, gimble, nozzle attachment • Kit 3: Encoded & idler truck, 2 gimbles • Kit 4: Encoded & idler truck, 2 gimbles, nozzle attachment

OPTIONAL ACCESSORIES
<ul style="list-style-type: none"> • Secondary truck and gimble assembly, perfect for dual phased array and TOFD inspections • Nozzle bracket • Phased array and TOFD probes & wedges