



THERMALSCAN



Air regulation system



Shipping case



High temperature magnetic wheels

THERMALSCAN

The high-temperature automated scanner that does not sweat

Automated 2-axis scanner designed with a air cooled system for use on high temperature components up to 700F (371C).

- **Fast** – Scan up to 30"/s on the arm and 5"/s on the wheels
- **Portable** – Entire system fits into three travel cases
- **Modular** – Arms and motors can be switched in minutes
- **Versatile** – Works on 3"+ inch pipe and on surfaces that are up to 700°F
- **High temp magnetic wheels** – High curie point and long lasting
- **Integrated Cooling** – Built in cooling for motors and magnets
- **Compatible** – works with most flaw detectors

Proven excellence for inspection of large corrosion mapping areas.

→ TECHNICAL SPECIFICATION

GENERAL	
Scanner dimensions (L x W x H)	40 x 7 x 6" 101 x 17 x 15 cm
Weight	29 lbs / 13.2 kg
Power	Power supply
Operating environment	Up to 700°F / 371°C
Encoder resolution	36200
Scan speed	Wheel : 6" / s Arm : 30" / s
2-axis inspection	✓
Circumferential OD	From 2" / 5 cm
Axial scanning	From 6" / 15 cm
Motor controller dimensions	6.75 x 5 x 2" 15 x 13 x 5 cm
Probe gimbal / fork	TS Gimbal
Umbilical	100 ft. / 30 m
Joystick	✓

INCLUDES
<ul style="list-style-type: none"> • 24 inch catamaran arm • Air pressure and CFM regulator kit • High temperature air / fluid tubing • 2-axis motor controller • High temp probe gimble • Power supply • All Windows OS compatible (32 or 64bit) • 100 foot umbilical with irrigation and 4 UT lines • 15 foot high temp umbilical extension • Three robust Pelican shipping cases

ACCESSORIES / OPTIONS
<ul style="list-style-type: none"> • 12" or 18" arms (No secondary drive) • Spare motor kit • Rechargeable battery pack with charger • 25 ft., 200 ft., or custom length umbilicals • Multi-probe kit for TOFD/Phased Array • High temperature dual focused transducers



Scan to learn more about ThermalScan