

# RAPTOR

IMAGING FLAW DETECTOR

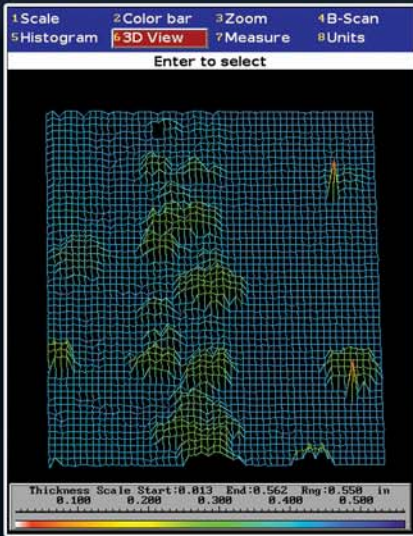
**A, B and C-Scan Imaging**

**Angle Beam With Weld Trig**

**Manual & Automatic  
Scanners Ready**

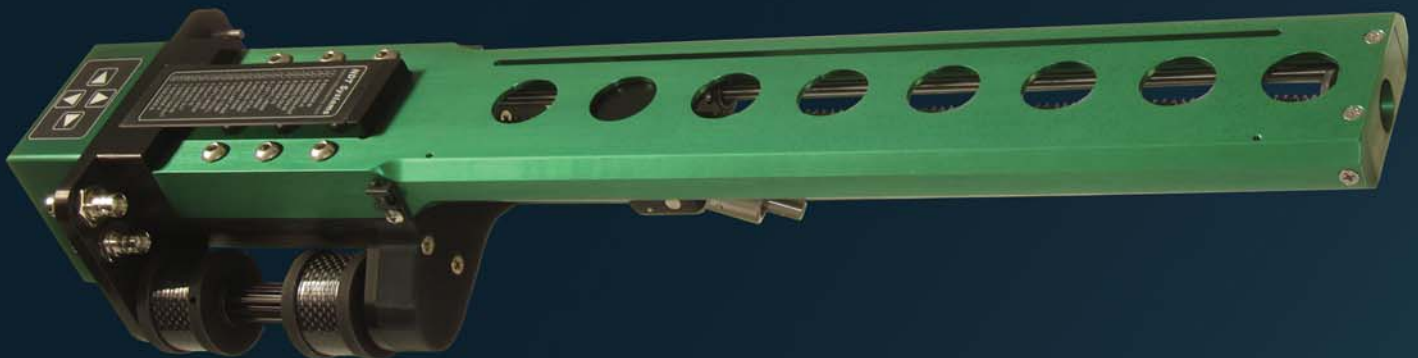
**20 Point DAC**





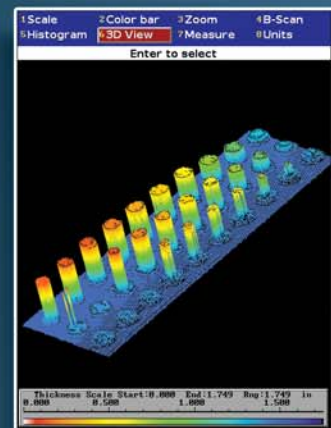
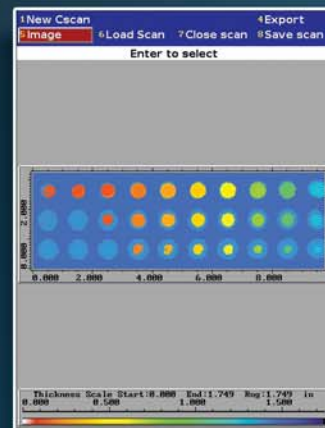
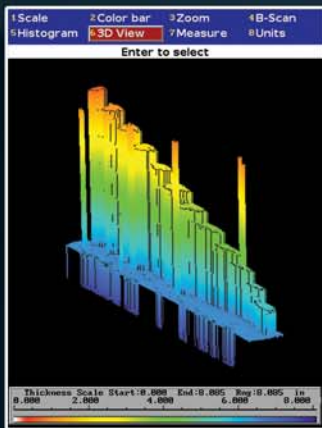
- Scan area:** Y: 10in (25.4cm) X: 4in (10.16cm) to flat
- Resolution:** Y: 0.020in (0.5mm) X: 0.040in (1mm)
- Scan speed:** Y: 8 in per second X: .25 in per second
- Size:** L: 22in (55cm) W: 5.5in (13cm) H: 4in (10cm)
- Weight:** 10lb (4.5kg)
- Directional control**
- Magnetic wheels**
- 10 hrs battery life**

# RCA-10





# STRINGSCAN II



**Scan area:** Y:30in (76cm) X: 30in (76cm)

**Resolution:** Y: 0.020in (0.5mm) X: 0.020in (0.5mm)

**Manual control**

**Suction feet or magnetic mount option available**

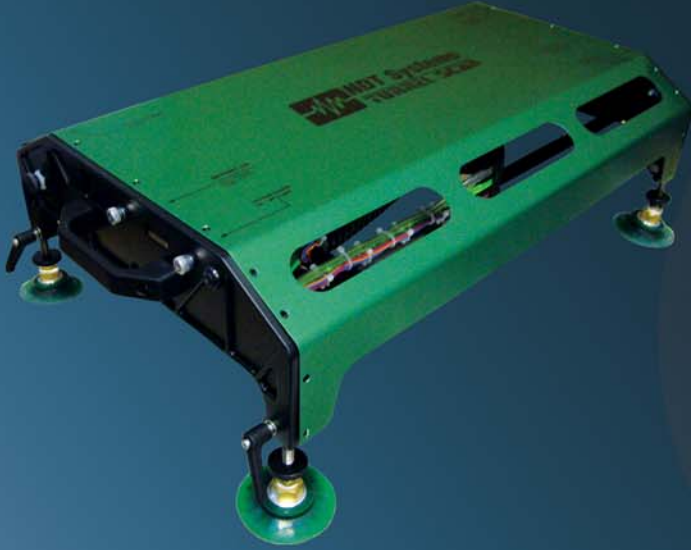
**Water couplant feed**

**Light weight and portable**

**Cost effective**



# TUNNELSCAN



**Scan area:** 12x18" (30x45cm)  
**Resolution:** 0.006x0.006", or  
.001x.001" limited to a 2.5x2.5" area  
**Scan speed:** 8x8in per sec  
**10 hrs battery life**  
**Automated control**

# TUNNELSCAN II

**Scan area:** 40x50in (1.01x1.27m)  
**Resolution:** .020x.020in (.05x.05mm)  
**Scan speed:** 8x8ips  
**0in to 9in adjustable height**  
**Automated control**



# ARMADILLO

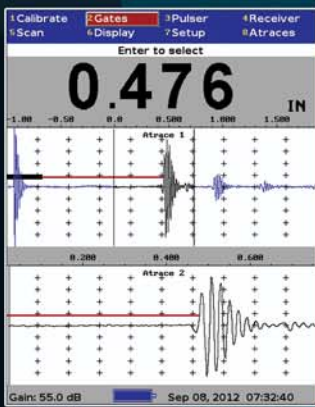


**Scan Area:** X: user defined  
**Resolution:** X: 0.010in, (0.25mm)  
**Manual control**  
**Water couplant feed**  
**Light weight and portable**  
**Cost effective**

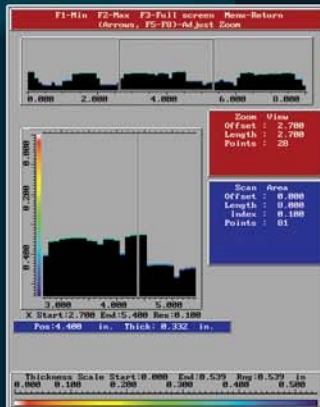




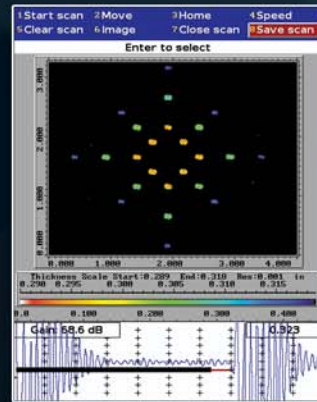
5.75"



A-Scan



B-Scan



C-Scan



9.5"

5.6 lbs  
(WITH BATTERIES)



3"

# Specifications

## Receiver

100db gain selectable steps  
500KHz to 20MHz Bandwidth  
BB, 0.5, 1.0, 2.5, 5.0, 10 and 15MHz selectable tuning  
8 level damping 25 to 375 ohms  
4 blocking gates POS or NEG selectable  
2 flaw gates  
RF, +HW, -HW or FW display mode filled or outline

## Pulser

PRF 10Hz to 5000Hz  
Spike & square wave pulse  
50 to 450 volts spike or square wave  
Pulse width 20 to 10,000ns in square wave mode

## 2GB Removable SD Memory Card

Digital display resolution 0.0001" (0.0025mm)  
Range 0.05" to 400" (1.28mm - 1,016cm)  
Audible and visual alarm mode  
Battery operation to 8 hours continuous  
Battery charger included  
Pelican style storage case included



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