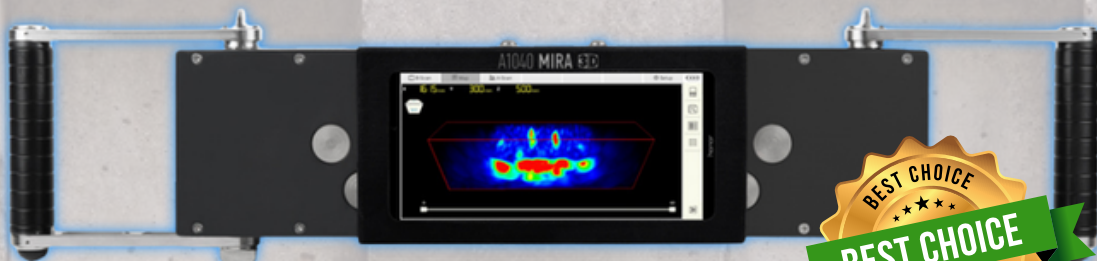
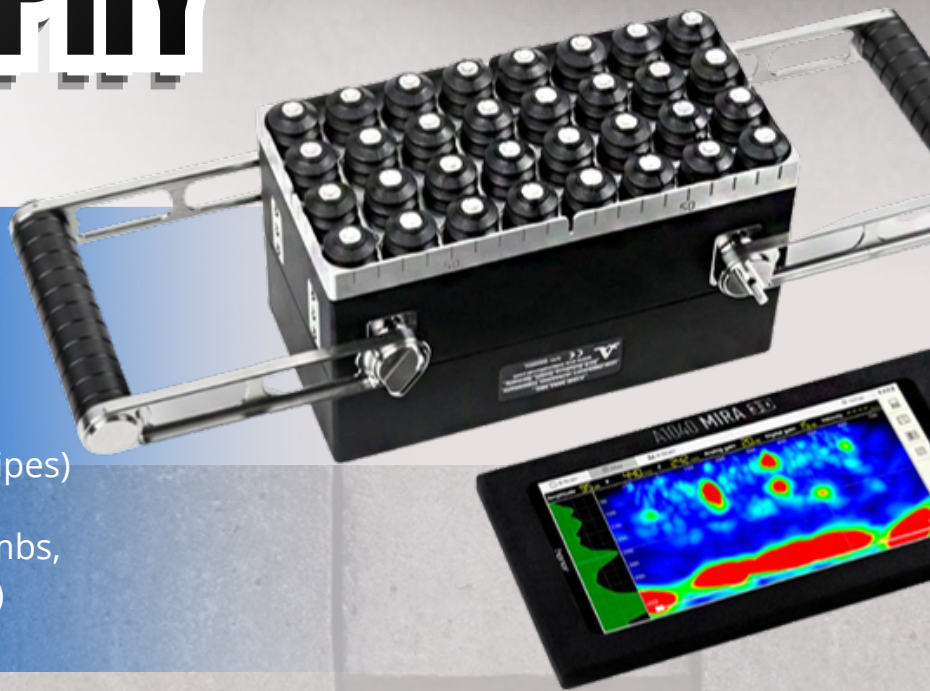


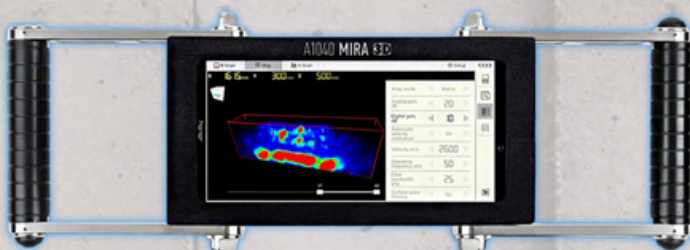
ULTRASONIC CONCRETE TOMOGRAPHY

SOLUTION

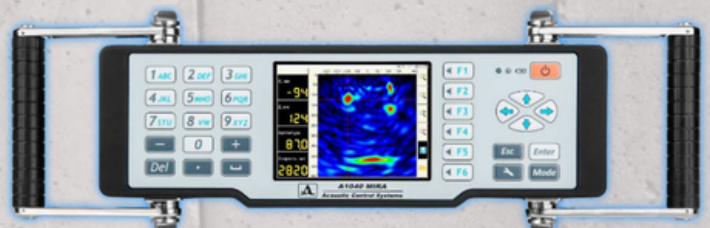
- ✓ Localize structural elements (reinforcement, tendon ducts, pipes)
- ✓ Detect material voids (honeycombs, delaminations, cracks & cavities)



UCT 3D PRO



UCT 3D BASIC



UCT CLASSIC

ULTRASONIC CONCRETE TOMOGRAPHY

SPEIFICATION



UCT 3D PRO

Spesification:

- **Number of channels:**
64 (extendable to 96, 128 etc.)
- **Bandwidth:** from 10 to 90 kHz
- **Material sound velocity range:**
from 1.000 to 4.000 m/s
(from 40 to 157 inches/s)
- **Maximum penetration depth in reinforced concrete:**
over 4.000 mm (157 inch)



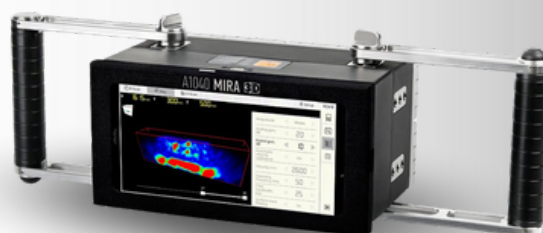
Scan QR CODE For See
Detail Spesification

Spesification:

- **Number of channels:**
32 (extendable to 64, 96 etc.)
- **Bandwidth:** from 10 to 100 kHz
- **Material sound velocity range:**
from 1.000 to 4.000 m/s (from 40 to 157 inches/s)
- **Maximum penetration depth in reinforced concrete:** up to 3.000 mm (118 inch)



Scan QR CODE For See
Detail Spesification



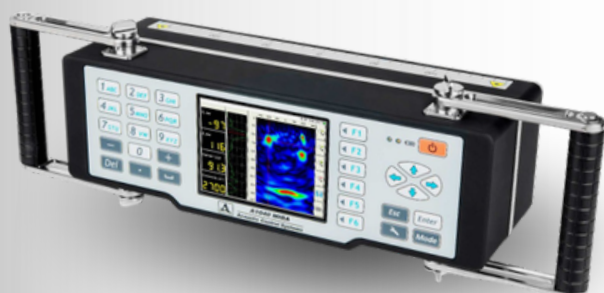
UCT 3D BASIC

Spesification:

- **Number of transducers in the antenna array:** 48
- **Maximum view depth in concrete:** 2500 mm
- **Thickness measuring range:**
50 – 600 mm
- **Velocity range from:** 1 000 to 4 000 m/s



Scan QR CODE For See
Detail Spesification



UCT 3D CLASSIC

ULTRASONIC CONCRETE TOMOGRAPHY

PORTOFOLIO PROJECT



Project Ultrasonic Concrete Tomography (UCT)
at Dock A – PT. Petrokimia Gresik

Project Ultrasonic Concrete Tomography (UCT)
at RAW MEAL SILO A INDOCEMENT - BOGOR



Project Ultrasonic Concrete Test,
Repair of GSW Steam Power Plant in
Suralaya, Cilegon

Project Ultrasonic Concrete Tomography (UCT)
at Furnace 3 UBPN Southeast Sulawesi

ULTRASONIC CONCRETE TOMOGRAPHY

PORTOFOLIO PROJECT



Project Ultrasonic Concrete Tomography (UCT)
**At Radiopharmaceutical Production Facility
Building Cikarang**

Project Ultrasonic Concrete Tomography (UCT)
**At Sawah Besar MRT D-WALL and Harmony
Gambir – Central Jakarta**



Project Ultrasonic Concrete Tomography (UCT) at
PLN Batang Agam - West Sumatra



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