TRM 1.5 MHz
TRM-EA-1.5MHz (no delay line)
TRM-EC-1.5MHz (12mm aqualene 320)

DESCRIPTION
The 1.5MHz transducer module (TRM) is currently our lowest frequency on offer, and is designed for maximum penetration of thick GFRP and thick, out-of-autoclave CFRP with porosity. Applications include wind turbine blades, marine GFRP and thick section GFRP piping. Typical component thicknesses are around 1-60mm.

TECHNICAL DETAILS
- Transducer Type Matrix (2D-array)
- Transducer Elements 64x64 (4,096)
- Transducer Aperture 32 x 32 mm
- Element Pitch 500 μm
- Center Frequency 1.5 MHz
- -6dB Frequency Bandwidth 110%
- Sample Rate 50 MHz
- Acquisition Rate A-scans 100,000 – 500,000 datasets per second
- Acquisition Rate 3D 10-40 3D volumes per second

SIZE AND WEIGHT
- Width 40mm / 1.6 inch
- Length 40mm / 1.6 inch
- Height 84mm / 3.4 inch
- Weight 265 grams (excluding cable and delay line)

RESOURCES
- Case Study Unrivalled Ultrasonic Inspection result for wind blades
- Video Demo Dolphicam on GRP-pipe