

OVERVIEW SONOSCAN TRANSDUCERS

Single Element Transducers

SONOSCAN PXS10 EN / PXS10i EN*	Ø 6 mm element size, 10 MHz, Microdot connector
SONOSCAN PXS10 EN Set / PXS10i EN Set*	Ø 6 mm element size, 10 MHz, Microdot connector, including 10 mm delay line, conical
SONOSCAN PS2 EN / PS2i EN*	Ø 10 mm element size, 2 MHz with protection layer, LEMO 00 connector
SONOSCAN PS4 EN	Ø 10 mm element size, 4 MHz with protection layer, LEMO 00 connector
PS5i EN*	Ø 10 mm element size, 5 MHz with protection layer, LEMO 00 connector
SONOSCAN PL1 EN	Ø 24 mm element size, 1 MHz with protection layer, LEMO 1S connector
SONOSCAN PL2 EN	Ø 24 mm element size, 2 MHz with protection layer, LEMO 1S connector
SONOSCAN PL4 EN	Ø 24 mm element size, 4 MHz with protection layer, LEMO 1S connector
SONOSCAN HS4 EN	Ø 10 mm element size, 4 MHz, with wear-resistant protective layer, LEMO 00 connector

Dual Element Transducers

SONOSCAN TS1 EN	3,5 x 10 mm element size, 1 MHz, Dual LEMO 00 connector
SONOSCAN TS2 EN / TS2i EN*	Ø 11/2 mm element size, 2 MHz, Dual LEMO 00 connector
SONOSCAN TS4 EN	3,5 x 10 mm element size, 4 MHz, Dual LEMO 00 connector
SONOSCAN TL2 EN	7 x 18 mm element size, 2 MHz, Dual LEMO 00 connector
SONOSCAN TL4 EN	6 x 20 mm element size, 4 MHz, Dual LEMO 00 connector
SONOSCAN TS5 EN / TS5i EN*	Ø 9/2 mm element size, 5 MHz, Piezocomposite, Dual LEMO 00 connector
SONOSCAN TXS7.5 EN / TXS7.5i EN*	Ø 5/2 mm element size, 7,5 MHz, fixed cable with 2 LEMO 00 connector

* for intelligent wireless probe recognition utilized by the devices SONOWALL 70 / SONO-FD 1 (SONO ID)

Angle Beam Transducers WS

SONOSCAN WS 45-1	45°, 1 MHz, 8 x 9 mm, LEMO 00 connector
SONOSCAN WS 60-1	60°, 1 MHz, 8 x 9 mm, LEMO 00 connector
SONOSCAN WS 70-1	70°, 1 MHz, 8 x 9 mm, LEMO 00 connector
SONOSCAN WS 45-2	45°, 2 MHz, 8 x 9 mm, LEMO 00 connector
SONOSCAN WS 60-2	60°, 2 MHz, 8 x 9 mm, LEMO 00 connector
SONOSCAN WS 70-2	70°, 2 MHz, 8 x 9 mm, LEMO 00 connector
SONOSCAN WS 45-4	45°, 4 MHz, 8 x 9 mm, LEMO 00 connector
SONOSCAN WS 60-4	60°, 4 MHz, 8 x 9 mm, LEMO 00 connector
SONOSCAN WS 70-4	70°, 4 MHz, 8 x 9 mm, LEMO 00 connector

Angle Beam Transducers WM

SONOSCAN WM 45-2	45°, 2 MHz, 14 x 14 mm, LEMO 00 connector
SONOSCAN WM 60-2	60°, 2 MHz, 14 x 14 mm, LEMO 00 connector
SONOSCAN WM 70-2	70°, 2 MHz, 14 x 14 mm, LEMO 00 connector

Angle Beam Transducers WL

SONOSCAN WL 45-2	45°, 2 MHz, 20x22 mm, LEMO 1S connector
SONOSCAN WL 60-2	60°, 2 MHz, 20x22 mm, LEMO 1S connector
SONOSCAN WL 70-2	70°, 2 MHz, 20x22 mm, LEMO 1S connector

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Quick Change Transducers

SONOSCAN QSC 2.25	Ø 0.25"; 2,25 MHz; Piezocomposite, Microdot connector
SONOSCAN QSC 5	Ø 0.25"; 5 MHz; Piezocomposite, Microdot connector
SONOSCAN QMC 2.25	Ø 0.375"; 2.25 MHz; Piezocomposite, Microdot connector
SONOSCAN QMC 5	Ø 0.375"; 5 MHz; Piezocomposite, Microdot connector
SONOSCAN QLC 2.25	Ø 0.5"; 2,25 MHz; Piezocomposite, Microdot connector
SONOSCAN QLC 5	Ø 0.5"; 5 MHz; Piezocomposite, Microdot connector

AWS Transducers

SONOSCAN RSC 2.25	0.63" x 0.63"; 2,25 MHz; Piezocomposite, BNC connector
SONOSCAN RMC 2.25	0.63" x 0,75"; 2,25 MHz; Piezocomposite, BNC connector
SONOSCAN RLC 2.25	0.75" x 0,75"; 2,25 MHz; Piezocomposite, BNC connector

Immersion Transducers

SONOSCAN IK-1-20	Ø 20 mm, 1 MHz, Piezocomposite, 80 % bandwidth, LEMO HVR 03 connector
SONOSCAN IK-2-20	Ø 20 mm, 2 MHz, Piezocomposite, 80% bandwidth, LEMO HVR 03 connector
SONOSCAN IK-5-10	Ø 10 mm, 5 MHz, Piezocomposite, 80 % bandwidth, LEMO HVR 03 connector
SONOSCAN IK-5-6	Ø 6 mm, 5 MHz, Piezocomposite, 80 % bandwidth, LEMO HVR 03 connector
SONOSCAN IW-10-6	Ø 6 mm, 10 MHz, 80 % bandwidth, LEMO HVR 03 connector
SONOSCAN IW-2-20	Ø 20 mm, 2 MHz, 80 % bandwidth, LEMO HVR 03 connector

Transducers for Air-Coupled UT

Pair of ultrasonic probes SONOSCAN CF 050	Nominal frequency: 50 kHz Operating temperature: -40 °C to 60 °C
Pair of ultrasonic probes SONOSCAN CF 075	Nominal frequency: 75 kHz Operating temperature: -40 °C to 60 °C
Pair of ultrasonic probes SONOSCAN CF 125	Nominal frequency: 125 kHz Operating temperature: -40 °C to 60 °C
Pair of ultrasonic probes SONOSCAN CF 200	Nominal frequency: 200 kHz Operating temperature: -40 °C to 60 °C
Pair of ultrasonic probes SONOSCAN CF 300	Nominal frequency: 300 kHz Operating temperature: -40 °C to 60 °C
Pair of ultrasonic probes SONOSCAN CF 400	Kompositschwinger, Fokussierung mittels akustischer Linse Nominal frequency: 400 kHz Operating temperature: -20 °C to 60 °C
3 elements ultrasonic probes SONOSCAN CF 400 3E	Nominal frequency: 400 kHz Operating temperature: -20 °C to 60 °C

FAST SERVICE & PROFESSIONAL SUPPORT

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