



**Sonatest**

Inspect with confidence

**TRANSDUCER CATALOGUE**



# SMM & LMM

## Small and Large Single Compression Transducer with Replaceable Soft Membrane

### Features

- Single normal beam compression wave transducer
- Circular, lead metaniobate crystal
- Max operating temperature 50°C / 120°F
- Medium damped for medium bandwidth

### Common Applications

- Castings
- Forgings
- White metal bearings



Transducer Models

Product Code	Description	Frequency (MHz)	Crystal Diameter (mm / Inches)	Nearfield Length in Steel (mm / Inches)
SMM2-10	Single Softface 2Mhz 0°	2	10mm / 0.394"	8.4mm / 0.331"
SMM 4-10	Single Softface 4Mhz 0°	4	10mm / 0.394"	16.8mm / 0.661"

Transducer Models

Product Code	Description	Frequency (MHz)	Crystal Diameter (mm / Inches)	Nearfield Length in Steel (mm / Inches)
LMM1-24	Single Softface 1Mhz 0°	1	24mm / 0.945"	24.2mm / 0.953"
LMM2-24	Single Softface 2Mhz 0°	2	24mm / 0.945"	48.3mm / 1.902"
LMM4-24	Single Softface 4Mhz 0°	4	24mm / 0.945"	96.6mm / 3.803"

Case Dimensions and Details

Transducer Version Crystal size	Width/Diameter (mm / Inches)	Height (mm / Inches)	Connector Options	Position Options
SMM	23mm / 0.906"	42mm / 1.654"	Z	Side
LMM	32mm / 1.26"	60mm / 2.362"	L	Side

