

IM SERIES

Immersion transducers

Technical specifications

- Single probe
- Longitudinal wave transducer
- High energy piezocomposite element
- High resolution, sensivity and repetability
- Adapted to automated control
- Bandwidth $\geq 80\%$
- UHF connectors

REFERENCE	FREQUENCY MHz	CRYSTAL SIZE mm	CONNECTOR
IM-0.5-13	0.5	Ø13	UHF
IM-0.5-19		Ø19	
IM-0.5-25		Ø25	
IM-0.5-29		Ø29	
IM-0.5-38		Ø38	
IM-1-13	1	Ø13	
IM-1-19		Ø19	
IM-1-25		Ø25	
IM-1-29		Ø29	
IM-1-38		Ø38	
IM-2.25-6	2.25	Ø6	
IM-2.25-10		Ø10	
IM-2.25-13		Ø13	
IM-2.25-19		Ø19	
IM-2.25-25		Ø25	
IM-2.25-29		Ø29	
IM-2.25-38		Ø38	

Main applications

- Immersion control
- Inspection of rough or machined surfaces
- Inspection of a wide range of materials: forged or machined parts, composite etc.

REFERENCE	FREQUENCY MHz	CRYSTAL SIZE mm	CONNECTOR
IM-3.5-6	3.5	Ø6	UHF
IM-3.5-10		Ø10	
IM-3.5-13		Ø13	
IM-3.5-19		Ø19	
IM-3.5-25		Ø25	
IM-5-6	5	Ø6	
IM-5-10		Ø10	
IM-5-13		Ø13	
IM-5-19		Ø19	
IM-5-25		Ø25	
IM-7.5-13	7.5	Ø13	
IM-7.5-19		Ø19	
IM-10-6	10	Ø6	
IM-10-10		Ø10	
IM-10-13		Ø13	
IM-15-6	15	Ø6	

