

elcometer®
NDT



Flaw Detector Transducers

Dual Element Transducers

A complete range of dual element thickness transducers, for use with **FD700+**, **FD700DL+**, **FD800DL** & **FD800DL+** models, ideal for inspecting metal substrates.



Part Number	Probe Diameter	Probe Characteristic	Damping	ThruPaint™	Connector Type					Suitable for measuring				
					Potted	Microdot	Lemo	Top	Side	Cast Iron	Plastics	Fibreglass	Thin Fibreglass	Steel
1.00 MHz Dual Element Thickness Transducer														
TX1M00EP-1	1/2"	Standard	S		•			•		•	•	•	•	
TX1M00EP-2	1/2"	Standard	S		•				•	•	•	•	•	
TX1M00EM-1	1/2"	Standard	S			•		•		•	•	•	•	
TX1M00EM-2	1/2"	Standard	S			•			•	•	•	•	•	
TX1M00EP-3	1/2"	Composite	S		•				•	•	•	•	•	
TX1M00EL	1/2"	Armoured	S				•		•	•	•	•	•	
2.25 MHz Dual Element Thickness Transducer														
TX2M25CP-1	1/4"	Standard	S		•			•		•	•	•	•	
TX2M25CP-2	1/4"	Standard	S		•				•	•	•	•	•	
TX2M25CM-1	1/4"	Standard	S			•		•		•	•	•	•	
TX2M25CM-2	1/4"	Standard	S			•			•	•	•	•	•	
TX2M25CP-3	1/4"	Hi Temp ²	S		•			•		•	•	•	•	
TX2M25CM-3	1/4"	Hi Temp ²	S			•		•		•	•	•	•	
TX2M25EP-1	1/2"	Standard	S		•			•		•	•	•	•	
TX2M25EP-2	1/2"	Standard	S		•				•	•	•	•	•	
TX2M25EM-1	1/2"	Standard	S			•		•		•	•	•	•	
TX2M25EM-2	1/2"	Standard	S			•			•	•	•	•	•	
TX2M25EP-3	1/2"	Hi Temp ²	S		•			•		•	•	•	•	
TX2M25EM-3	1/2"	Hi Temp ²	S			•		•		•	•	•	•	
TX2M25EP-4	1/2"	Composite	S		•				•	•	•	•	•	
TX2M25EL-1	1/2"	Armoured	S				•		•	•	•	•	•	
3.50 MHz Dual Element Thickness Transducer														
TX3M50EP-4	1/2"	Standard	H	•	•				•	•	•	•	•	•
TX3M50EP-1	1/2"	Coating Thickness	CT	•	•				•	•	•	•	•	•

² High temperature probes suitable for measuring 343°C (650°F)
 S - Standard Undamped Transducer
 CT - Damped Coating Thickness Transducer
 H - Highly Damped Transducer

Dual Element Transducers

A complete range of dual element thickness transducers, for use with **FD700+**, **FD700DL+**, **FD800DL** & **FD800DL+** models, ideal for inspecting metal substrates.



Part Number	Probe Diameter	Probe Characteristic	Damping	ThruPaint™	Connector Type					Suitable for measuring				
					Potted	Microdot	Lemo	Top	Side	Cast Iron	Thin Plastics	Steel	Glass	
5.00 MHz Dual Element Thickness Transducer														
TX5M00BP-2	3/16"	Standard	S		•			•			•	•	•	
TX5M00BP-3	3/16"	Standard	S		•				•		•	•	•	
TX5M00BP-5	3/16"	Standard	H	•	•				•		•	•	•	
TX5M00BM	3/16"	Standard	S			•			•		•	•	•	
TX5M00BP-1	3/16"	Low Profile	S		•				•		•	•	•	
TX5M00BP-4	3/16"	Coating Thickness	CT	•	•				•		•	•	•	
TX5M00CP-3	1/4"	Standard	S		•				•		•	•	•	
TX5M00CP-9	1/4"	Standard	H	•	•				•		•	•	•	
TX5M00CP-4	1/4"	Standard	S		•				•		•	•	•	
TX5M00CP-10	1/4"	Standard	H	•	•				•		•	•	•	
TX5M00CM-1	1/4"	Standard	S			•			•		•	•	•	
TX5M00CM-2	1/4"	Standard	S			•			•		•	•	•	
TX5M00CM-9	1/4"	Standard	H	•	•				•		•	•	•	
TX5M00CP-1	1/4"	Low Profile 1" Wand	S		•				•		•	•	•	
TX5M00CP-2	1/4"	Low Profile 9" Wand	S		•				•		•	•	•	
TX5M00CP-6	1/4"	Coating Thickness	CT	•	•				•		•	•	•	
TX5M00CM-3	1/4"	Coating Thickness	CT	•		•			•		•	•	•	
TX5M00CP-7	1/4"	Hi Temp ²	S		•				•		•	•	•	
TX5M00CP-8	1/4"	Hi Temp ²	H	•	•				•		•	•	•	
TX5M00CM-4	1/4"	Hi Temp ³	H	•		•			•		•	•	•	
TX5M00CM-5	1/4"	Hi Temp ²	S			•			•		•	•	•	
TX5M00EP-2	1/2"	Standard	S		•				•		•	•	•	
TX5M00EP-3	1/2"	Standard	S		•				•		•	•	•	
TX5M00EP-10	1/2"	Standard	H	•	•				•		•	•	•	
TX5M00EM-1	1/2"	Standard	S			•			•		•	•	•	
TX5M00EM-2	1/2"	Standard	S			•			•		•	•	•	
TX5M00EP-4	1/2"	Coating Thickness	CT	•	•				•		•	•	•	
TX5M00EP-5	1/2"	Hi Temp ²	S		•				•		•	•	•	
TX5M00EM-3	1/2"	Hi Temp ³	S			•			•		•	•	•	
TX5M00EM-4	1/2"	Hi Temp ²	S			•			•		•	•	•	
TX5M00EP-6	1/2"	Hi Temp ²	H	•	•				•		•	•	•	
TX5M00EL-1	1/2"	Armoured	S				•		•		•	•	•	
TX5M00EP-1	1/2"	Cylinder Probe - Iron	S		•				•		•	•	•	

² High temperature probes suitable for measuring 343°C (650°F)
³ High temperature probes suitable for measuring 482°C (900°F)
 S - Standard Undamped Transducer
 CT - Damped Coating Thickness Transducer
 H - Highly Damped Transducer

Dual Element Transducers

A complete range of dual element thickness transducers, for use with **FD700+**, **FD700DL+**, **FD800DL** & **FD800DL+** models, ideal for inspecting metal substrates.



Part Number	Probe Diameter	Probe Characteristic	Damping	ThruPaint™	Connector Type				Suitable for measuring				
					Potted	Microdot	Top	Side	Thin Plastics	Steel	Glass	Aluminium	Titanium
7.50 MHz Dual Element Thickness Transducer													
TX7M50BP-1	3/16"	Standard	S		•		•		•	•	•	•	
TX7M50BP-2	3/16"	Standard	S		•		•		•	•	•	•	
TX7M50BP-3	3/16"	Coating Thickness	CT	•	•		•		•	•	•	•	
TX7M50CP-1	1/4"	Exxon Spec	S		•		•		•	•	•	•	
TX7M50CP-2	1/4"	Exxon Spec	S		•		•		•	•	•	•	
TX7M50CM-1	1/4"	Exxon Spec	S			•	•		•	•	•	•	
TX7M50CM-2	1/4"	Exxon Spec	S			•	•		•	•	•	•	
TX7M50CP-3	1/4"	High Resolution	S		•		•		•	•	•	•	
TX7M50CP-4	1/4"	High Resolution	S		•		•		•	•	•	•	
TX7M50CP-6	1/4"	Standard	H	•	•		•		•	•	•	•	
TX7M50CP-5	1/4"	Coating Thickness	CT	•	•		•		•	•	•	•	
TX7M50CM-3	1/4"	High Resolution	S			•	•		•	•	•	•	
TX7M50CM-4	1/4"	High Resolution	S			•	•		•	•	•	•	
10.00 MHz Dual Element Thickness Transducer													
TX10M0BP-1	3/16"	Standard	S		•		•		•		•	•	
TX10M0BP-2	3/16"	Standard	S		•		•		•		•	•	
TX10M0CP-3	1/4"	Standard	S		•		•		•		•	•	
TX10M0CP-4	1/4"	Standard	S		•		•		•		•	•	
TX10M0CM-1	1/4"	Standard	S			•	•		•		•	•	
TX10M0CM-2	1/4"	Standard	S			•	•		•		•	•	
TX10M0CP-1	1/4"	Low Profile 1" Wand	S		•		•		•	•	•	•	
TX10M0CP-2	1/4"	Low Profile 9" Wand	S		•		•		•	•	•	•	
TX10M0EP-2	1/2"	Standard	S		•		•		•		•	•	
TX10M0EP-3	1/2"	Standard	S		•		•		•		•	•	
TX10M0EM-1	1/2"	Standard	S			•	•		•		•	•	
TX10M0EM-2	1/2"	Standard	S			•	•		•		•	•	
TX10M0EP-1	1/2"	Cylinder Probe - Alum	S		•		•		•	•	•	•	

S - Standard Undamped Transducer
CT - Damped Coating Thickness Transducer

Single Element Contact Transducers

A comprehensive range of Single Element Contact Transducers for use with **FD700+**, **FD700DL+**, **FD800DL** & **FD800DL+** models, ideal for inspecting large, simple geometry materials.



Part Number	Probe Diameter	Probe Characteristic	Damping	Connector Type					Suitable for measuring									
				Microdot	Lemo	BNC	Top	Side	Cast Iron	Plastics	Thin Plastics	Fibreglass	Common Metals	Rough Surfaces	Castings	Billets	Extruded Parts	
1.00 MHz Single Element Contact Transducers																		
TF1M00EG	1/2"	Membrane Composite	HG			•				•		•	•		•	•		
TF1M00HG	1"	Membrane Composite	HG			•				•		•	•		•	•		
TF1M00EH-1	1/2"	Composite	H			•				•		•	•		•	•	•	•
TF1M00GH-1	3/4"	Composite	H			•				•		•	•		•	•	•	•
TF1M00HH-1	1"	Composite	H			•				•		•	•		•	•	•	•
TF1M00EH-2	1/2"	Composite	H		•					•		•	•		•	•	•	•
TF1M00GH-2	3/4"	Composite	H		•					•		•	•		•	•	•	•
TF1M00HH-2	1"	Composite	H		•					•		•	•		•	•	•	•
TF1M00C-1	1/4"	Finger Tip Composite	S	•					•	•	•	•	•					
TF1M00C-2	1/4"	Finger Tip Composite	S	•			•		•	•	•	•	•					
TF1M00E-1	1/2"	Finger Tip Composite	S	•					•	•	•	•	•					
TF1M00E-2	1/2"	Finger Tip Composite	S	•			•		•	•	•	•	•					

HG - High Gain Damping Transducers
H - Highly Damped Transducer
S - Standard Undamped Transducer

Single Element Contact Transducers

A comprehensive range of Single Element Contact Transducers for use with **FD700+**, **FD700DL+**, **FD800DL** & **FD800DL+** models, ideal for inspecting large, simple geometry materials.



Part Number	Probe Diameter	Probe Characteristic	Damping	Connector Type					Suitable for measuring							
				Microdot	Lemo	BNC	Top	Side	Cast Iron	Thin Plastics	Thin Fibreglas	Common Metals	Rough Surfaces	Castings	Billets	Extruded Parts
2.25 MHz Single Element Contact Transducers																
TF2M25EG-3	1/2"	Membrane	HG			•			•	•	•	•	•	•		
TF2M25HG-1	1"	Membrane	HG			•			•	•	•	•	•	•		
TF2M25EH-1	1/2"	High Wear	H			•			•	•	•	•	•	•	•	•
TF2M25GH-1	3/4"	High Wear	H			•			•	•	•	•	•	•	•	•
TF2M25HH-1	1"	High Wear	H			•			•	•	•	•	•	•	•	•
TF2M25EH-2	1/2"	High Wear	H		•				•	•	•	•	•	•	•	•
TF2M25GH-2	3/4"	High Wear	H		•				•	•	•	•	•	•	•	•
TF2M25HH-2	1"	High Wear	H		•				•	•	•	•	•	•	•	•
TF2M25CG-1	1/4"	Finger Tip	HG	•				•	•	•	•	•	•	•	•	•
TF2M25DG-1	3/8"	Finger Tip	HG	•				•	•	•	•	•	•	•	•	•
TF2M25EG-1	1/2"	Finger Tip	HG	•				•	•	•	•	•	•	•	•	•
TF2M25GG-1	3/4"	Finger Tip	HG	•				•	•	•	•	•	•	•	•	•
TF2M25CG-2	1/4"	Finger Tip	HG	•			•	•	•	•	•	•	•	•	•	•
TF2M25DG-2	3/8"	Finger Tip	HG	•			•	•	•	•	•	•	•	•	•	•
TF2M25EG-2	1/2"	Finger Tip	HG	•			•	•	•	•	•	•	•	•	•	•
TF2M25GG-2	3/4"	Finger Tip	HG	•			•	•	•	•	•	•	•	•	•	•
TF2M25CR-1	1/4"	Finger Tip	R	•				•	•	•	•	•	•	•	•	•
TF2M25DR-1	3/8"	Finger Tip	R	•				•	•	•	•	•	•	•	•	•
TF2M25ER-1	1/2"	Finger Tip	R	•				•	•	•	•	•	•	•	•	•
TF2M25GR-1	3/4"	Finger Tip	R	•				•	•	•	•	•	•	•	•	•
TF2M25CR-2	1/4"	Finger Tip	R	•			•	•	•	•	•	•	•	•	•	•
TF2M25DR-2	3/8"	Finger Tip	R	•			•	•	•	•	•	•	•	•	•	•
TF2M25ER-2	1/2"	Finger Tip	R	•			•	•	•	•	•	•	•	•	•	•
TF2M25GR-2	3/4"	Finger Tip	R	•			•	•	•	•	•	•	•	•	•	•

HG - High Gain Damping Transducers
H - Highly Damped Transducer
R - Resolution Transducer

Single Element Contact Transducers

A comprehensive range of Single Element Contact Transducers for use with **FD700+**, **FD700DL+**, **FD800DL** & **FD800DL+** models, ideal for inspecting large, simple geometry materials.



Part Number	Probe Diameter	Probe Characteristic	Damping	Connector Type					Suitable for measuring							
				Microdot	Lemo	BNC	Top	Side	Cast Iron	Plastics	Steel	Common Metals	Rough Surfaces	Castings	Billets	Extruded Parts
3.50 MHz Single Element Contact Transducers																
TF3M50EG	1/2"	Membrane Composite	HG			•					•	•	•	•		
TF3M50HG	1"	Membrane Composite	HG			•					•	•	•	•		
TF3M50EH-1	1/2"	Composite	H			•					•	•	•	•	•	•
TF3M50GH-1	3/4"	Composite	H			•					•	•	•	•	•	•
TF3M50HH-1	1"	Composite	H			•					•	•	•	•	•	•
TF3M50EH-2	1/2"	Composite	H		•						•	•	•	•	•	•
TF3M50GH-2	3/4"	Composite	H		•						•	•	•	•	•	•
TF3M50HH-2	1"	Composite	H		•						•	•	•	•	•	•
TF3M50C-1	1/4"	Finger Tip Composite	S	•				•	•	•	•	•	•	•	•	•
TF3M50D-1	3/8"	Finger Tip Composite	S	•				•	•	•	•	•	•	•	•	•
TF3M50E-1	1/2"	Finger Tip Composite	S	•				•	•	•	•	•	•	•	•	•
TF3M50G-1	3/4"	Finger Tip Composite	S	•				•	•	•	•	•	•	•	•	•
TF3M50C-2	1/4"	Finger Tip Composite	S	•			•	•	•	•	•	•	•	•	•	•
TF3M50D-2	3/8"	Finger Tip Composite	S	•			•	•	•	•	•	•	•	•	•	•
TF3M50E-2	1/2"	Finger Tip Composite	S	•			•	•	•	•	•	•	•	•	•	•
TF3M50G-2	3/4"	Finger Tip Composite	S	•			•	•	•	•	•	•	•	•	•	•

HG - High Gain Damping Transducers
H - Highly Damped Transducer
S - Standard Undamped Transducer

Single Element Contact Transducers

A comprehensive range of Single Element Contact Transducers for use with **FD700+**, **FD700DL+**, **FD800DL**, **FD800DL+** models, ideal for inspecting large, simple geometry materials.



Part Number	Probe Diameter	Probe Characteristic	Damping	Connector Type				Suitable for measuring						
				Microdot	Lemo	BNC	Top	Side	Steel	Glass	Common Metals	Rough Surfaces	Castings	Billets
5.00 MHz Single Element Contact Transducers														
TF5M00EH-1	1/2"	High Wear	H			•			•	•	•	•	•	•
TF5M00GH-1	3/4"	High Wear	H			•			•	•	•	•	•	•
TF5M00HH-1	1"	High Wear	H			•			•	•	•	•	•	•
TF5M00EH-2	1/2"	High Wear	H		•				•	•	•	•	•	•
TF5M00GH-2	3/4"	High Wear	H		•				•	•	•	•	•	•
TF5M00HH-2	1"	High Wear	H		•				•	•	•	•	•	•
TF5M00EG-3	1/2"	Membrane	HG			•			•	•	•	•	•	•
TF5M00HG-1	1"	Membrane	HG			•			•	•	•	•	•	•
TF5M00CG-1	1/4"	Finger Tip	HG	•			•		•	•	•	•	•	•
TF5M00DG-1	3/8"	Finger Tip	HG	•			•		•	•	•	•	•	•
TF5M00EG-1	1/2"	Finger Tip	HG	•			•		•	•	•	•	•	•
TF5M00GG-1	3/4"	Finger Tip	HG	•			•		•	•	•	•	•	•
TF5M00CG-2	1/4"	Finger Tip	HG	•			•		•	•	•	•	•	•
TF5M00DG-2	3/8"	Finger Tip	HG	•			•		•	•	•	•	•	•
TF5M00EG-2	1/2"	Finger Tip	HG	•			•		•	•	•	•	•	•
TF5M00GG-2	3/4"	Finger Tip	HG	•			•		•	•	•	•	•	•
TF5M00CR-1	1/4"	Finger Tip	R	•			•		•	•	•	•	•	•
TF5M00DR-1	3/8"	Finger Tip	R	•			•		•	•	•	•	•	•
TF5M00ER-1	1/2"	Finger Tip	R	•			•		•	•	•	•	•	•
TF5M00GR-1	3/4"	Finger Tip	R	•			•		•	•	•	•	•	•
TF5M00CR-2	1/4"	Finger Tip	R	•			•		•	•	•	•	•	•
TF5M00DR-2	3/8"	Finger Tip	R	•			•		•	•	•	•	•	•
TF5M00ER-2	1/2"	Finger Tip	R	•			•		•	•	•	•	•	•
TF5M00GR-2	3/4"	Finger Tip	R	•			•		•	•	•	•	•	•
TF5M00AH-1	1/8"	Finger Tip Slim Line	H	•			•		•	•	•	•	•	•
TF5M00AH-2	1/8"	Finger Tip Slim Line	H	•			•		•	•	•	•	•	•

HG - High Gain Damping Transducers
H - Highly Damped Transducer
R - Resolution Transducer

Single Element Contact Transducers

A comprehensive range of Single Element Contact Transducers for use with **FD700+**, **FD700DL+**, **FD800DL**, **FD800DL+** models, ideal for inspecting large, simple geometry materials.



Part Number	Probe Diameter	Probe Characteristic	Damping	Connector Type				Suitable for measuring	
				Microdot	BNC	Cast Iron	Steel	Rough Surfaces	Weld Inspection
10.00 MHz Single Element Contact Transducers									
TF10M0CG-1	1/4"	Finger Tip	HG			•	•	•	•
TF10M0DG-1	3/8"	Finger Tip	HG			•	•	•	•
TF10M0EG-1	1/2"	Finger Tip	HG	•		•	•	•	•
TF10M0CG-2	1/4"	Finger Tip	HG	•	•		•	•	•
TF10M0DG-2	3/8"	Finger Tip	HG	•	•		•	•	•
TF10M0EG-2	1/2"	Finger Tip	HG	•	•		•	•	•
TF10M0CR-1	1/4"	Finger Tip	R	•		•	•	•	•
TF10M0DR-1	3/8"	Finger Tip	R	•		•	•	•	•
TF10M0ER-1	1/2"	Finger Tip	R	•		•	•	•	•
TF10M0CR-2	1/4"	Finger Tip	R	•	•		•	•	•
TF10M0DR-2	3/8"	Finger Tip	R	•	•		•	•	•
TF10M0ER-2	1/2"	Finger Tip	R	•	•		•	•	•
TF10M0AH-1	1/8"	Finger Tip Slim Line	H	•		•	•	•	•
TF10M0AH-2	1/8"	Finger Tip Slim Line	H	•	•		•	•	•
15.00 MHz Single Element Contact Transducers									
TF15M0AH-1	1/8"	Finger Tip Slim Line	H	•		•	•	•	•
TF15M0AH-2	1/8"	Finger Tip Slim Line	H	•	•		•	•	•
20.00 MHz Single Element Contact Transducers									
TF20M0AH-1	1/8"	Finger Tip Slim Line	H	•		•	•	•	•
TF20M0AH-2	1/8"	Finger Tip Slim Line	H	•	•		•	•	•

HG - High Gain Damping Transducers
H - Highly Damped Transducer
R - Resolution Transducer

Shear Wave Standard Transducers

A comprehensive range of Shear Wave Standard Transducers for use with **FD700+**, **FD700DL+**, **FD800DL**, **FD800DL+** models, designed for use with angle beam wedges for a powerful flaw detection solution.



Part Number	Probe Diameter	Probe Characteristic	Damping	Connector Type		Suitable for measuring					
				Microdot	BNC	Cast Iron	Steel	Rough Surfaces	Castings	Billets	Weld Inspection
1.00 MHz Shear Wave Standard Transducers											
TF1M00EE-1	1/2 x 1/2"	Composite	S		•	•	•	•	•	•	•
TF1M00EH-3	1/2 x 1"	Composite	S		•	•	•	•	•	•	•
TF1M00FF-1	5/8 x 5/8"	Composite	S		•	•	•	•	•	•	•
TF1M00GF-1	5/8 x 3/4"	Composite	S		•	•	•	•	•	•	•
TF1M00GG-1	3/4 x 3/4"	Composite	S		•	•	•	•	•	•	•
TF1M00EE-2	1/2 x 1/2"	Composite	S	•		•	•	•	•	•	•
TF1M00EH-4	1/2 x 1"	Composite	S	•		•	•	•	•	•	•
TF1M00FF-2	5/8 x 5/8"	Composite	S	•		•	•	•	•	•	•
TF1M00GF-2	5/8 x 3/4"	Composite	S	•		•	•	•	•	•	•
TF1M00GG-2	3/4 x 3/4"	Composite	S	•		•	•	•	•	•	•
2.25 MHz Shear Wave Standard Transducers											
TF2M25EEG-1	1/2 x 1/2"	Standard	HG		•	•	•	•	•	•	•
TF2M25EHG-1	1/2 x 1"	Standard	HG		•	•	•	•	•	•	•
TF2M25FFG-1	5/8 x 5/8"	Standard	HG		•	•	•	•	•	•	•
TF2M25GFG-1	5/8 x 3/4"	Standard	HG		•	•	•	•	•	•	•
TF2M25GGG-1	3/4 x 3/4"	Standard	HG		•	•	•	•	•	•	•
TF2M25EEG-2	1/2 x 1/2"	Standard	HG	•		•	•	•	•	•	•
TF2M25EHG-2	1/2 x 1"	Standard	HG	•		•	•	•	•	•	•
TF2M25FFG-2	5/8 x 5/8"	Standard	HG	•		•	•	•	•	•	•
TF2M25GFG-2	5/8 x 3/4"	Standard	HG	•		•	•	•	•	•	•
TF2M25GGG-2	3/4 x 3/4"	Standard	HG	•		•	•	•	•	•	•
TF2M25EER-1	1/2 x 1/2"	Standard	R		•	•	•	•	•	•	•
TF2M25EHR-1	1/2 x 1"	Standard	R		•	•	•	•	•	•	•
TF2M25FFR-1	5/8 x 5/8"	Standard	R		•	•	•	•	•	•	•
TF2M25GFR-1	5/8 x 3/4"	Standard	R		•	•	•	•	•	•	•
TF2M25GGR-1	3/4 x 3/4"	Standard	R		•	•	•	•	•	•	•
TF2M25EER-2	1/2 x 1/2"	Standard	R	•		•	•	•	•	•	•
TF2M25EHR-2	1/2 x 1"	Standard	R	•		•	•	•	•	•	•
TF2M25FFR-2	5/8 x 5/8"	Standard	R	•		•	•	•	•	•	•
TF2M25GFR-2	5/8 x 3/4"	Standard	R	•		•	•	•	•	•	•
TF2M25GGR-2	3/4 x 3/4"	Standard	R	•		•	•	•	•	•	•

S - Standard Undamped Transducer
 HG - High Gain Damping Transducers
 R - Resolution Transducer

Shear Wave Standard Transducers

A comprehensive range of Shear Wave Standard Transducers for use with **FD700+**, **FD700DL+**, **FD800DL**, **FD800DL+** models, designed for use with angle beam wedges for a powerful flaw detection solution.



Part Number	Probe Diameter	Probe Characteristic	Damping	Connector Type		Suitable for measuring					
				Microdot	BNC	Steel	Common Metals	Rough Surfaces	Castings	Billets	Weld Inspection
5.00 MHz Shear Wave Standard Transducers											
TF5M00EEG-1	1/2 x 1/2"	Standard	HG		•	•	•	•	•	•	•
TF5M00EHG-1	1/2 x 1"	Standard	HG		•	•	•	•	•	•	•
TF5M00FFG-1	5/8 x 5/8"	Standard	HG		•	•	•	•	•	•	•
TF5M00GFG-1	3/4 x 5/8"	Standard	HG		•	•	•	•	•	•	•
TF5M00GGG-1	3/4 x 3/4"	Standard	HG		•	•	•	•	•	•	•
TF5M00EEG-2	1/2 x 1/2"	Standard	HG	•		•	•	•	•	•	•
TF5M00EHG-2	1/2 x 1"	Standard	HG	•		•	•	•	•	•	•
TF5M00FFG-2	5/8 x 5/8"	Standard	HG	•		•	•	•	•	•	•
TF5M00GFG-2	3/4 x 5/8"	Standard	HG	•		•	•	•	•	•	•
TF5M00GGG-2	3/4 x 3/4"	Standard	HG	•		•	•	•	•	•	•
TF5M00EER-1	1/2 x 1/2"	Standard	R		•	•	•	•	•	•	•
TF5M00EHR-1	1/2 x 1"	Standard	R		•	•	•	•	•	•	•
TF5M00FFR-1	5/8 x 5/8"	Standard	R		•	•	•	•	•	•	•
TF5M00GFR-1	3/4 x 5/8"	Standard	R		•	•	•	•	•	•	•
TF5M00GGR-1	3/4 x 3/4"	Standard	R		•	•	•	•	•	•	•
TF5M00EER-2	1/2 x 1/2"	Standard	R	•		•	•	•	•	•	•
TF5M00EHR-2	1/2 x 1"	Standard	R	•		•	•	•	•	•	•
TF5M00FFR-2	5/8 x 5/8"	Standard	R	•		•	•	•	•	•	•
TF5M00GFR-2	3/4 x 5/8"	Standard	R	•		•	•	•	•	•	•
TF5M00GGR-2	3/4 x 3/4"	Standard	R	•		•	•	•	•	•	•

HG - High Gain Damping Transducers
 R - Resolution Transducer

Shear Wave Dual Transducers

A comprehensive range of Shear Wave Dual Transducers for use with **FD700+**, **FD700DL+**, **FD800DL**, **FD800DL+** models, ideal for identifying surface cracks and weld inspections.



Part Number	Probe Diameter	Angle* - 45°, 60° & 70°	Probe Characteristic	Damping	Connector Type			Suitable for measuring						
					Microdot	Top	End	Cast Iron	Steel	Common Metals	Rough Surfaces	Castings	Billets	Weld Inspection
1.00 MHz Shear Wave - Dual Transducers														
TF1M00CC##M-1	1/4 x 1/4"	○	Composite	M	•		•	•	•	•	•	•	•	
TF1M00CD##M-1	1/4 x 3/8"	○	Composite	M	•		•	•	•	•	•	•	•	
TF1M00DD##M-1	3/8 x 3/8"	○	Composite	M	•		•	•	•	•	•	•	•	
TF1M00EE##M-1	1/2 x 1/2"	○	Composite	M	•		•	•	•	•	•	•	•	
TF1M00CC##M-2	1/4 x 1/4"	○	Composite	M	•	•	•	•	•	•	•	•	•	
TF1M00CD##M-2	1/4 x 3/8"	○	Composite	M	•	•	•	•	•	•	•	•	•	
TF1M00DD##M-2	3/8 x 3/8"	○	Composite	M	•	•	•	•	•	•	•	•	•	
TF1M00EE##M-2	1/2 x 1/2"	○	Composite	M	•	•	•	•	•	•	•	•	•	
2.25 MHz Shear Wave - Dual Transducers														
TF2M25CC##M-1	1/4 x 1/4"	○	Standard	M	•		•	•	•	•	•	•	•	
TF2M25CD##M-1	1/4 x 3/8"	○	Standard	M	•		•	•	•	•	•	•	•	
TF2M25DD##M-1	3/8 x 3/8"	○	Standard	M	•		•	•	•	•	•	•	•	
TF2M25EE##M-1	1/2 x 1/2"	○	Standard	M	•		•	•	•	•	•	•	•	
TF2M25CC##M-2	1/4 x 1/4"	○	Standard	M	•	•	•	•	•	•	•	•	•	
TF2M25CD##M-2	1/4 x 3/8"	○	Standard	M	•	•	•	•	•	•	•	•	•	
TF2M25DD##M-2	3/8 x 3/8"	○	Standard	M	•	•	•	•	•	•	•	•	•	
TF2M25EE##M-2	1/2 x 1/2"	○	Standard	M	•	•	•	•	•	•	•	•	•	
5.00 MHz Shear Wave - Dual Transducers														
TF5M00CC##M-1	1/4 x 1/4"	○	Standard	M	•		•						•	
TF5M00CD##M-1	1/4 x 3/8"	○	Standard	M	•		•						•	
TF5M00DD##M-1	3/8 x 3/8"	○	Standard	M	•		•						•	
TF5M00EE##M-1	1/2 x 1/2"	○	Standard	M	•		•						•	
TF5M00CC##M-2	1/4 x 1/4"	○	Standard	M	•	•	•						•	
TF5M00CD##M-2	1/4 x 3/8"	○	Standard	M	•	•	•						•	
TF5M00DD##M-2	3/8 x 3/8"	○	Standard	M	•	•	•						•	
TF5M00EE##M-2	1/2 x 1/2"	○	Standard	M	•	•	•						•	

M - Medium Damped Transducer

Shear Wave - Quick Change Transducers

A comprehensive range of Shear Wave Quick Change Transducers for use with **FD700+**, **FD700DL+**, **FD800DL**, **FD800DL+** models, ideal for inspecting curved surfaces and hard to reach areas.



Part Number	Probe Diameter	Probe Characteristic	Damping	Connector Type			Suitable for measuring				
				Microdot	Cast Iron	Steel	Common Metals	Castings	Billets	Weld Inspection	
1.00MHz Shear Wave - Quick Change Transducers											
TF1M00CG	1/4"	Composite	HG	•	•	•	•	•	•	•	•
TF1M00DG	3/8"	Composite	HG	•	•	•	•	•	•	•	•
TF1M00EG	1/2"	Composite	HG	•	•	•	•	•	•	•	•
TF1M00CR	1/4"	Composite	R	•	•	•	•	•	•	•	•
TF1M00DR	3/8"	Composite	R	•	•	•	•	•	•	•	•
TF1M00ER	1/2"	Composite	R	•	•	•	•	•	•	•	•
2.25 MHz Shear Wave - Quick Change Transducers											
TF2M25CG-4	1/4"	Standard	HG	•	•	•	•	•	•	•	•
TF2M25DG-4	3/8"	Standard	HG	•	•	•	•	•	•	•	•
TF2M25EG-5	1/2"	Standard	HG	•	•	•	•	•	•	•	•
TF2M25CR-4	1/4"	Standard	R	•	•	•	•	•	•	•	•
TF2M25DR-4	3/8"	Standard	R	•	•	•	•	•	•	•	•
TF2M25ER-4	1/2"	Standard	R	•	•	•	•	•	•	•	•
TF2M25CG-6	1/4"	Composite	HG	•	•	•	•	•	•	•	•
TF2M25DG-6	3/8"	Composite	HG	•	•	•	•	•	•	•	•
TF2M25EG-7	1/2"	Composite	HG	•	•	•	•	•	•	•	•
TF2M25CR-6	1/4"	Composite	R	•	•	•	•	•	•	•	•
TF2M25DR-6	3/8"	Composite	R	•	•	•	•	•	•	•	•
TF2M25ER-6	1/2"	Composite	R	•	•	•	•	•	•	•	•
3.50 MHz Shear Wave - Quick Change Transducers											
TF3M50E-3	1/2"	Composite	S	•	•	•	•	•	•	•	•

S - Standard Undamped Transducer
 HG - High Gain Damping Transducers
 R - Resolution Transducer

Shear Wave - Quick Change Transducers

A comprehensive range of Shear Wave Quick Change Transducers for use with **FD700+**, **FD700DL+**, **FD800DL**, **FD800DL+** models, ideal for inspecting curved surfaces and hard to reach areas.



Part Number	Probe Diameter	Probe Characteristic	Connector Type		Suitable for measuring						
			Damping	Microdot	Steel	Aluminium	Titanium	Common Metals	Castings	Extruded Parts	Weld Inspection
5.00 MHz Shear Wave - Quick Change Transducers											
TF5M00CG-4	1/4"	Standard	HG	•	•			•	•	•	•
TF5M00DG-4	3/8"	Standard	HG	•	•			•	•	•	•
TF5M00EG-5	1/2"	Standard	HG	•	•			•	•	•	•
TF5M00CR-4	1/4"	Standard	R	•	•			•	•	•	•
TF5M00DR-4	3/8"	Standard	R	•	•			•	•	•	•
TF5M00ER-4	1/2"	Standard	R	•	•			•	•	•	•
TF5M00CG-6	1/4"	Composite	HG	•	•			•	•	•	•
TF5M00DG-6	3/8"	Composite	HG	•	•			•	•	•	•
TF5M00EG-7	1/2"	Composite	HG	•	•			•	•	•	•
TF5M00CR-6	1/4"	Composite	R	•	•			•	•	•	•
TF5M00DR-6	3/8"	Composite	R	•	•			•	•	•	•
TF5M00ER-6	1/2"	Composite	R	•	•			•	•	•	•
10.00 MHz Shear Wave - Quick Change Transducers											
TF10M0CG-4	1/4"	Standard	HG	•	•	•	•	•	•	•	•
TF10M0DG-4	3/8"	Standard	HG	•	•	•	•	•	•	•	•
TF10M0EG-4	1/2"	Standard	HG	•	•	•	•	•	•	•	•
TF10M0CR-4	1/4"	Standard	R	•	•	•	•	•	•	•	•
TF10M0DR-4	3/8"	Standard	R	•	•	•	•	•	•	•	•
TF10M0ER-4	1/2"	Standard	R	•	•	•	•	•	•	•	•
TF10M0CG-6	1/4"	Composite	HG	•	•	•	•	•	•	•	•
TF10M0CR-6	1/4"	Composite	R	•	•	•	•	•	•	•	•

S - Standard Undamped Transducer
HG - High Gain Damping Transducers

Mini Angle Beam Potted Transducers

A comprehensive range of Mini Angle Beam Potted Transducers for use with **FD700+**, **FD700DL+**, **FD800DL**, **FD800DL+** models, ideal for inspecting general weld, tubes, pipes and smaller objects.



Part Number	Probe Diameter	Angle	Damping	Connection Type		Suitable for measuring					
				Microdot	Side	Cast Iron	Steel	Aluminium	Titanium	Common Metals	Weld Inspection (Tight Areas)
2.25 MHz Mini Angle Beam Potted Transducers											
TF2M25B45M	3/16"	45°	M	•	•	•	•			•	•
TF2M25C45M	1/4"	45°	M	•	•	•	•			•	•
TF2M25D45M	3/8"	45°	M	•	•	•	•			•	•
TF2M25B60M	3/16"	60°	M	•	•	•	•			•	•
TF2M25C60M	1/4"	60°	M	•	•	•	•			•	•
TF2M25D60M	3/8"	60°	M	•	•	•	•			•	•
TF2M25B70M	3/16"	70°	M	•	•	•	•			•	•
TF2M25C70M	1/4"	70°	M	•	•	•	•			•	•
TF2M25D70M	3/8"	70°	M	•	•	•	•			•	•
5.00 MHz Mini Angle Beam Potted Transducers											
TF5M00B45M-1	3/16"	45°	M	•	•		•			•	•
TF5M00C45M	1/4"	45°	M	•	•		•			•	•
TF5M00D45M	3/8"	45°	M	•	•		•			•	•
TF5M00B60M-1	3/16"	60°	M	•	•		•			•	•
TF5M00C60M	1/4"	60°	M	•	•		•			•	•
TF5M00D60M	3/8"	60°	M	•	•		•			•	•
TF5M00B70M-1	3/16"	70°	M	•	•		•			•	•
TF5M00C70M	1/4"	70°	M	•	•		•			•	•
TF5M00D70M	3/8"	70°	M	•	•		•			•	•
10.0 MHz Mini Angle Beam Potted Transducers											
TF10M0B45M-1	3/16"	45°	M	•	•		•	•	•	•	•
TF10M0C45M	1/4"	45°	M	•	•		•	•	•	•	•
TF10M0D45M	3/8"	45°	M	•	•		•	•	•	•	•
TF10M0B60M-1	3/16"	60°	M	•	•		•	•	•	•	•
TF10M0C60M	1/4"	60°	M	•	•		•	•	•	•	•
TF10M0D60M	3/8"	60°	M	•	•		•	•	•	•	•
TF10M0B70M-1	3/16"	70°	M	•	•		•	•	•	•	•
TF10M0C70M	1/4"	70°	M	•	•		•	•	•	•	•
TF10M0D70M	3/8"	70°	M	•	•		•	•	•	•	•

M - Medium Damped Transducer

Mini Angle Beam Potted - Mini Transducers

A comprehensive range of Mini Angle Beam Potted Transducers for use with **FD700+**, **FD700DL+**, **FD800DL** & **FD800DL+** models, ideal for inspecting general weld, tubes, pipes and smaller objects.



Part Number	Probe Diameter	Angle	Damping	Connection Type		Suitable for measuring				
				Microdot	Side	Steel	Aluminium	Titanium	Common Metals	Weld Inspection (Tight Areas)
5.00 MHz Mini Angle Beam Potted - Mini Transducers										
TF5M00B45M-2	3/16"	45°	M	•	•	•			•	•
TF5M00B60M-2	3/16"	60°	M	•	•	•			•	•
TF5M00B70M-2	3/16"	70°	M	•	•	•			•	•
10.00 MHz Mini Angle Beam Potted - Mini Transducers										
TF10M0B45M-2	3/16"	45°	M	•	•		•	•	•	•
TF10M0B60M-2	3/16"	60°	M	•	•		•	•	•	•
TF10M0B70M-2	3/16"	70°	M	•	•		•	•	•	•

M - Medium Damped Transducer

Transducer Wedges

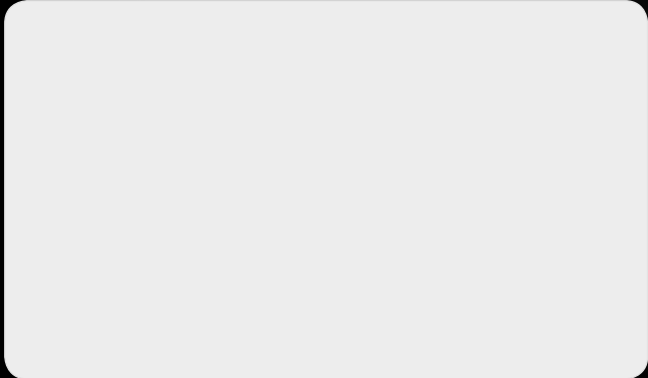
Transducer Wedges are designed for use with the Shear Wave Standard Transducers and Shear Wave Quick Change Transducers.



Part Number	Probe Diameter	Angle
Wedge - Standard Transducers		
Angle beam wedge for standard shear wave transducers.		
TF9999EE45	1/2 x 1/2"	45°
TF9999EH45	1/2 x 1"	45°
TF9999FF45-2	5/8 x 5/8"	45°
TF9999EE60	1/2 x 1/2"	60°
TF9999EH60	1/2 x 1"	60°
TF9999FF60-2	5/8 x 5/8"	60°
TF9999EE70	1/2 x 1/2"	70°
TF9999EH70	1/2 x 1"	70°
TF9999FF70-2	5/8 x 5/8"	70°

Part Number	Probe Diameter	Angle
Wedge - Snail Transducers		
Angle beam wedge meeting American Welding society standards for use with standard shear wave transducers.		
TF9999FF45-1	5/8 x 5/8"	45°
TF9999FF60-1	5/8 x 5/8"	60°
TF9999FF70-1	5/8 x 5/8"	70°

Part Number	Probe Diameter	Angle
Wedge - Standard Quick Change Transducers		
Angle beam wedge designed for quick change transducers		
TF9999C45-2	1/4"	45°
TF9999D45-2	3/8"	45°
TF9999E45-2	1/2"	45°
TF9999C60-2	1/4"	60°
TF9999D60-2	3/8"	60°
TF9999E60-2	1/2"	60°
TF9999C70-2	1/4"	70°
TF9999D70-2	3/8"	70°
TF9999E70-2	1/2"	70°



elcometer[®]_{NDT}
www.elcometerNDT.com

ENGLAND

Elcometer Limited
Manchester M43 6BU
Tel: +44 (0)161 371 6000
Fax: +44 (0)161 371 6010
sales@elcometer.com

BELGIUM

Elcometer SA
B-4681 Hermalle /s Argenteau
Tel: +32 (0)4 379 96 10
Fax: +32 (0)4 374 06 03
be_info@elcometer.com

FRANCE

Elcometer Sarl
45380 La Chapelle-Saint-Mesmin
Tel: +33 (0)2 38 86 33 44
Fax: +33 (0)2 38 91 37 66
fr_info@elcometer.com

GERMANY

Elcometer Instruments GmbH
D-73431 Aalen
Tel: +49(0)7361 52806 0
Fax: +49(0)7361 52806 77
de_info@elcometer.de

THE NETHERLANDS

Elcometer NL
Euclideslaan 251
3584 BV Utrecht
Tel: +31 (0)30 259 1818
Fax: +31 (0)30 210 6666
nl_info@elcometer.com

JAPAN

Elcometer KK
Saint Paul Building,
6F, 5-14-11, Higashiiooi,
Shinagawa-ku, Tokyo 140-0011
Tel: +81-(0)3-6869-0770
Fax: +81-(0)3-6433-1220
jp_info@elcometer.com

REPUBLIC OF SINGAPORE

Elcometer (Asia) Pte Ltd
Singapore 589472,
Tel: +65 6462 2822
Fax: +65 6462 2860
asia@elcometer.com

USA

MICHIGAN
Elcometer Inc
Rochester Hills Michigan 48309
Tel: +1 248 650 0500
Toll Free: 800 521 0635
Fax: +1 248 650 0501
inc@elcometer.com

TEXAS

Elcometer of Houston
1146 Sheffield, Unit D,
Houston, TX 77015
Tel: +1 713 450 0631
Toll Free: 800 521 0635
Fax: +1 713 450 0632
inc@elcometer.com