



FCG, FCR & PFC

Features

- Circular, lead metaniobate crystal
- High damped for wide bandwidth (FCR & PFC)
- Medium damped for medium bandwidth (FCG)
- Ceramic wear face and steel wear to prolong service life
- Stainless steel ergonomic case for good grip and ease of use

Frequent Applications

- Castings & Forgings
- Bars & Billets
- Bond Testing
- Laminations
- Machined Parts

Transducer Models

Product Code			Description	Frequency (MHz)	Crystal Diameter (inches)	Nearfield Length* (mm)
FCR (Resolution)	FCG (Gain)	PFC (Platinum)				
		PFC501	1MHz ½" Fingertip	1	1/2	0.3
FCR2525	FCG2525	PCF2525	2.25MHz ¼" Fingertip	2.25	1/4	0.2
FCR3725	FCG3725	PFC3725	2.25MHz 3/8" Fingertip	2.25	3/8	0.3
FCR5025	FCG5025	PFC5025	2.25MHz ½" Fingertip	2.25	1/2	0.6
FCR1250	FCG1250	PFC1250	5MHz 1/8" Fingertip	5	1/8	0.1
FCR2550	FCG2550	PFC2550	5MHz ¼" Fingertip	5	1/4	0.3
FCR3750	FCG3750	PFC3750	5MHz 3/8" Fingertip	5	3/8	0.8
FCR5050	FCG5050	PFC5050	5MHz ½" Fingertip	5	1/2	1.3
FCR1210	FCG1210	PFC1210	10MHz 1/8" Fingertip	10	1/8	0.2
FCR2510	FCG2510	PFC2510	10MHz ¼" Fingertip	10	1/4	0.7
FCR3710	FCG3710	PFC3710	10MHz 3/8" Fingertip	10	3/8	0.8
FCR5010	FCG5010	PFC5010	10MHz ½" Fingertip	10	1/2	2.7

Size Options				Connector	
Probe Size	Case Dimensions			Type	Position
∅ (inches)	A (mm)	B (mm)	C (mm)	Microdot (D)	Side
1/4	14	26	10	x	x
3/8	16	25	13	x	x
1/2	19	28	16	x	x
1/8	13	22	7	x	x