

Fingertip Contact Transducers

FCR, FCG & PFC



Frequent Applications

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

Transducer Models FCR, FCG, PFC					
FCR (Resolution)	FCG (Gain)	PFC (Platinum)	f	∅	N
p/n	p/n	p/n	(MHz)	(")	(")
-	-	PFC501	1	1/2	0.3
FCR2525	FCG2525	PFC2525	2.25	1/4	0.2
FCR3725	FCG3725	PFC3725	2.25	3/8	0.3
FCR5025	FCG5025	PFC5025	2.25	1/2	0.6
FCR1250	FCG1250	PFC1250	5	1/8	0.1
FCR2550	FCG2550	PFC2550	5	1/4	0.3
FCR3750	FCG3750	PFC3750	5	3/8	0.8
FCR5050	FCG5050	PFC5050	5	1/2	1.3
FCR1210	FCG1210	PFC1210	10	1/8	0.2
FCR2510	FCG2510	PFC2510	10	1/4	0.7
FCR3710	FCG3710	PFC3710	10	3/8	0.8
FCR5010	FCG5010	PFC5010	10	1/2	2.7

Features

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

Size Options	FCR, FCG, PFC			Connector Options									
Probe Size	Case Dimensions			Connector Type						Connector Position			
∅ (")	A (")	B (")	C (")	BNC (B)	Lemo 1 (L)	Lemo 00 (Z)	Microdot (D)	Subvis (S)	UHF (U)	Top (T)	Rear (R)	Side	Cable
1/8 SL	0.3	0.7	0.4	-	-	-	•	-	-	-	-	•	-
1/8	0.3	0.8	0.5	-	-	-	•	-	-	-	-	•	-
1/4	0.4	1.0	0.6	-	-	-	•	-	-	-	-	•	-
3/8	0.5	1.0	0.6	-	-	-	•	-	-	-	-	•	-
1/2	0.6	1.0	0.8	-	-	-	•	-	-	-	-	•	-
3/4	0.9	1.1	1.0	-	-	-	•	-	-	-	-	•	-