Overview Measurement Software Front & Back Panels Interferograms Feedback

Features

• interchangeable Mounts for 01 25 mm to 02 25 mm to 72.05 mm Famile, PC or APC, Single-Fiber Connectors. Thorbits Virsan Polabal Connectors for 50 necessary interchanges administed by of president presents and control to the control of the co







CGG000 interferometer is also capable of measuring the APC angle and laye error. Software Interferometric and one of the control of the cont

Critical Phase Analysis

Thitdle Phase Analysis

The COSOO Interferometer uses a unique titled phase analysis, in which the connector is held at
a slight titled agins a both eitherisometry produces circular fringes across the connector and
fase. This interferometry proceds all the information needed to measure the connector without
fase. This interferometry proceds all the information needed to measure the connector without
patherial adular of convariants, spherrical flesh benight, and ago explicit and of the procedure of a procedure of the pro

Item #	CC6000			
Measurement Specifications	Range	Repeatability ^a	Reproducibilityb	
Radius of Curvature	3 - 50 mm	1%	2%	
Apex Offset	0 μm - 100 μm	2 µm	4 µm	
Spherical Fiber Height	±160 nm	5 nm	10 nm	
Interferometer Specifications				
Dimensions (L x W x H)	13.9" x 8.8" x 5.9"			
Light Source	LED (660 nm)			
Camera Sensor	CCD, 5.79 mm x 4.89 mm Sensing Area			
Measurement Lateral Resolution	1 µm			
Magnification	10X Objective			
Field of View (H x V)	358 µm x 336 µm			
Computer Minimum Requirements				
Speed	Pentium IV 1.5 GHz			
USB	2.0			
Operating System	Microsoft® Windows® 7			
RAM	1 GB			

- Defined as the 1o variance for 50 consecutive undisturbed measurements..
 Defined as the 1o variance for 50 consecutive measurements with connector reinsertion between each



- Robust, Compact Construction
 Integrated Carrying Handle for Ease of Transport
 Recalibration Only Needed after Attaching Mount
 Additional Mounts and Reference Tools Sold Below

The CCG000 Portable Interferometer is a compact unit for non-contact analysis of connector and face geometry. It is shipped with all the items described to the right, allowing for measurements of 2.5 mm PC connection some connected to a complete (not includes) with the minimum requirements of 2.5 mm PC connection some connected to a complete (not includes) with the minimum requirements described in the Overview tab. To measure a wide variety of other connector types, additional locking Veryoree mounts must be purchased, for which a corresponding reference tool is needed for per calibration (see table below). The CCG000 interferometer will measure the radius of curvature, part of the connections of the connections of the connection of the co

Components Included

- mponents included

 CC6000 Connector End Face Geometry
 Instreferometer

 Esternal Power Supply

 Region-Specific Power Cord

 End Face Geometry Measurement Software*
 Operation Manual

 CC250th Much but of 22.5 mm PC Connectors

 RT1200 Reference Tool for Calibration of Mount
 Fiber Connector Cleaner

Locking V-Groove Mounts
 Reference Tools

*Computer with USB 2.0 port required for operation (not included). See minimum requirements in the Overview tab

4	1 Qty		Docs	Part Numbe	r - Universal	Price	Available / Ships
+1	Ħ			CC6000	NEW!Portable Connector End Face Geometry Interferometer	\$14,995.00	Lead Time
	Add To C	Cart					

Locking V-Groove Mounts

- Mounts for Connectors with Ø1.25 to Ø2.5 mm Ferrules
 Each Mount Requires Calibration with Reference Tool (Sold Separately Below)
 Locking V-Groove Design Ensures Stable, Repeatable Connection

The Locking V-Groove Mounts sold below can be avrapped out for the 02.5 mm P mount that comes standard with the CC0000 portable interferometer, allowing a node variety of convectors to be stated with the CC0000 interferometer. For each rick except of convectors to be stated with the CC0000 interferometer. For each rickensor to sold below. Once this callibration is performed on a mount, the measurements can be accurately calculated for all connectors measured in that mount.

mount.
The table to the right provides a guide for choosing the right mount and reference tool for each type of connector. For more help, contact Tech Support.

	Mount and Reference Tool Selection Guide		
Locking V-Groove Mount Item #	Compatible Connector Type	Required Reference Tool Item #	
CC125LP	Ø1.25 mm Ferrule LC/PC Connectors	RT125P	
CCDUPLP	Ø1.25 mm Ferrule Duplex LC/PC Connectors	RT125P	
CCLMFA	Ø1.25 mm Ferrule LC/MU/F3000 APC Connectors	RT125A	
CC125LAF	Ø1.25 mm Ferrule LC/APC Connectors (Flex Mount)	RT125A	
CC125LA	Ø1.25 mm Ferrule Luxcis APC Connectors	RT125LA	
CC158P	Ø1.58 mm Ferrule PC Connectors	RT158P	
CC200P	Ø2.00 mm Ferrule PC Connectors	RT200P	
CC200A	Ø2.00 mm Ferrule APC Connectors	RT200A	
CC250P	Ø2.50 mm Ferrule PC Connectors	RT250P	
CCDUPSP	Ø2.50 mm Ferrule Duplex SC/PC Connectors	RT250P	
CC250A	Ø2.50 mm Ferrule FC/APC Connectors	RT250SA	
CCE20A	Ø2.50 mm Ferrule E2000 APC Connectors	RT250SA	
CC250SA	Ø2.50 mm Ferrule SC/APC Connectors	RT250SA	
CC250SAF	Ø2.50 mm Ferrule SC/APC Connectors (Flex Mount)	RT250SA	
CC250SA9	Ø2 50 mm Ferrule 9° SC/APC Connectors	RT250SA9	

Based on your currency / country selection, your order will ship from Newton, New Jersey

+1	Qty	Docs	Part Number	r - Universal	Price	Available / Ships
+1 } ⊋			CC125LP	NEW!Locking V-Groove Mount for Ø1.25 mm LC/PC Connectors	\$995.00	Lead Time
+1}⊒			CCDUPLP	NEW!Locking V-Groove Mount for Duplex LC/PC Connectors	\$1,545.00	Lead Time
+1}⊒		È	CCLMFA	NEW Locking V-Groove Mount for LC/MU/F3000 APC Connectors	\$1,050.00	Lead Time
+1}⊒		=	CC125LAF	NEW!Locking V-Groove Flex Mount for Ø1.25 mm LC/APC Connectors	\$1,050.00	Lead Time
+1312			CC125LA	NEW!Locking V-Groove Mount for Ø1.25 mm Luxcis APC Connectors	\$1,500.00	Lead Time
N/A	N/A		CC158P	NEW Locking V-Groove Mount for Ø1.58 mm PC Connectors	CALL	Lead Time
+1}⊒			CC200P	NEW!Locking V-Groove Mount for Ø2.00 mm PC Connectors	\$945.00	Lead Time
+1}⊒			CC200A	NEW!Locking V-Groove Mount for Ø2.00 mm APC Connectors	\$1,500.00	Lead Time
+1][[CCDUPSP	NEW!Locking V-Groove Mount for Duplex SC/PC Connectors	\$1,545.00	Lead Time
N/A	N/A		CC250P	NEW!Locking V-Groove Mount for Ø2.50 mm PC Connectors	CALL	Lead Time
+1}⊒			CC250A	NEW Locking V-Groove Mount for Ø2.50 mm FC/APC Connectors	\$1,050.00	Lead Time
+1 달			CCE20A	NEW!Locking V-Groove Mount for E2000 APC Connectors	\$1,050.00	Lead Time
+1][[]			CC250SAF	NEW!Locking V-Groove Flex Mount for Ø2.50 mm SC/APC Connectors	\$1,050.00	Lead Time
+1}∏			CC250SA	NEW!Locking V-Groove Mount for Ø2.50 mm SC/APC Connectors	\$1,200.00	Lead Time

