# FCA3100/3000 Series

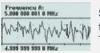


#### 30-SECOND SELL

"These Tektronix frequency counters offer precision frequency and time measurements with industry-leading analysis."

### PRODUCT HIGHLIGHTS

- 12 digit/sec frequency resolution
- 50 ps (FCA3100) or 100 ps (FCA3000) single-shot time resolution
- 0.001° phase resolution
- 250 k readings/sec data transfer rate to internal memory
- 13 automated frequency, time, phase and voltage measurements



See how your device is changing over time with built-in analysis modes – TrendPlot $^{\text{\tiny{M}}}$ , histograms and statistics.



Easily connect to a PC with the USB and GPIB ports.

MODELS	STOCK CODE	MAX. FREQUENCY	CHANNELS	TIME RESOLUTION	FREQUENCY RESOLUTION
FCA3000	1824794	400 MHz	2	100 ps	12 digit/s
FCA3003	1824795	3 GHz	2 – 400 MHz 1 – 3 GHz	100 ps	12 digit/s
FCA3020	NIC	20 GHz	2 – 400 MHz 1 – 20 GHz	100 ps	12 digit/s
FCA3100	NIC	400 MHz	2	50 ps	12 digit/s
FCA3103	NIC	3 GHz	2 – 400 MHz 1 – 3 GHz	50 ps	12 digit/s
FCA3120	NIC	20 GHz	2 – 400 MHz 1 – 20 GHz	50 ps	12 digit/s

## FCA3100/3000 Series

#### RECOMMENDED ACCESSORIES

174-4401-xx	USB Host to Device Cable, 3 Feet
012-0991-xx	GPIB Cable, Double Shielded
012-1256-xx	BNC Male to BNC Male, 9 Feet
ACD4000	Soft Carrying Case
HCTEK-4321	Hard Carrying Case
RMU2U	Rackmount Shelf Kit for 2 Units
TVA3000	TimeView <sup>™</sup> Modulation Domain Analysis Software

#### **INSTRUMENT OPTIONS**

MS	Medium Stability OCXO Timebase, 2 X $10^{-7}$
HS	High Stability OCXO Timebase, 5 X 10-8
RP	Rear-panel Connectors

#### RECOMMENDED SERVICE

SILV200	5-year Extended Warranty (FCA3000, FCA3003, FCA3100, FCA3103)
SILV400	5-year Extended Warranty (FCA3020, FCA3120)

#### SHIPS WITH PRODUCT

- Trial Version of TimeView<sup>™</sup> Software and NI LabVIEW SignalExpress<sup>™</sup> TE (LE version) Software
- Calibration Certificate
- User Manual on CD
- Programmers Guide & Technical Specifications
- Power Cord
- 3-year Warranty



FOR MORE INFO VISIT TEK.COM/FREQUENCY-COUNTER/FCA3000-3100

### 3 Reasons to Buy this Product

- 1 High resolution measurements to evaluate signal parameters accurately.
- 2 Computer interface is designed to simplify replacing older HP/Keysight 531xx Counter/
- 3 Unique Timeview™ PC software analyzes frequency and period changes over time.