ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Find the *Keysight / Agilent 81633A* at our website: *Click HERE*

Selected Specifications[1)]

8163A Lightwave Multimeter

Display: Graphical display, monochrome

Interfaces: GPIB, RS232C, Parallel Printer Interface (Centronics)

Programming*: SCPI Standard, compatible with programming syntax of 8164A Lightwave Measurement System, 8166A Lightwave Multichannel System, 8153A Lightwave Multimeter.

*for details please refer to Programming guide P/N 08164-91016



Agilent Power Sensor Modules	81632A (InGaAs)	81635A (InGaAs) dual	81633A (InGaAs)	81634A (InGaAs)
Wavelength Range	800 nm to 1650 nm		800 nm to 1700 nm	
Power Range	+10 dBm to -80 dBm		+10 dBm to -90 dBm	+10 dBm to -110 dBm
Uncertainty (accuracy) at reference conditions	<±3% (1200 nm to 1630 nm)		<±2.5% (1000 nm to 1630 nm)	
Relative Uncertainty due to Polarization due to Spectral Ripple	typ ±0.015 dB typ ±0.015 dB		<±0.005 dB <±0.005 dB	
Linearity (power) at 23°C ±5°C	(CW +10 dBm to -60 dBm) <±0.02 dB ±20 pW		(CW +10 dBm to -70 dBm) <±0.015 dB ±2 pW	(CW +10 dBm to -90 dBm) <±0.015 dB ±0.2 pW

Agilent Optical Heads[2)]	81623A (Ge, ø 5 mm)	81624A (InGaAs, ø 5 mm)	81625A (InGaAs, ø 5 mm)
Wavelength Range	750 nm to 1800 nm	800 nm to 1700 nm	850 nm to 1650 nm
Power Range	+10 dBm to -80 dBm	+10 dBm to -90 dBm	+20 dBm to -80 dBm
Uncertainty (accuracy) at reference conditions	<±2.2% (1000 nm to 1650 nm)	<±2.2% (1000 nm to 1630 nm)	<±2.5% (950 nm to 1630 nm)
Relative Uncertainty due to Polarization due to Spectral Ripple		≤±0.005 dB (typ. ±0.002 dB)	≤±0.005 dB (typ. ±0.002 dB)
Linearity (power) at 23°C ±5°C	(CW +10 dBm to -60 dBm) <±0.025 dB ±100 pW	(CW +10 dBm to -70 dBm) <±0.02 dB ±5 pW	(CW +20 dBm to -60 dBm) <±0.02 dB ±100 pW

[1)] **For full specifications, and the test conditions, see the Technical Specifications p/n 5962-9321E**
[2)] **All optical heads have to be operated with the single (81618A) or dual (81619A) Interface Module.**

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

Agilent Standard Source Modules (Fabry-Perot Laser)	81650A	81651A	81652A	81654A
Center Wavelength	1310 nm ±15 nm	1550 nm ±15 nm	1550 nm/1625 nm ±15 nm	1310 nm/1550 nm ±15 nm
Output Power	>0 dBm			
Short term (15 min) CW power stability	<±0.005 dB typ <±0.003 dB with coherence control active			
Long term (24 h) CW power stability	typ ±0.03 dB			
CW power stability to back reflection (RL ≥14 dB)	typ ±0.003 dB			

Agilent High Power Source Modules (Fabry-Perot Laser)	81655A	81656A	81657A
Center Wavelength	1310 nm ±15 nm	1550 nm ±15 nm	1310 nm/1550 nm ±15 nm
Output Power	>+13 dBm		
Short term (15 min) CW power stability	<±0.005 dB typ <±0.003 dB with coherence control active		
Long term (24 h) CW power stability	typ ±0.03 dB		
CW power stability to back reflection (RL ≥14 dB)	typ ±0.003 dB		



Compact Tunable Laser Source Module	81689A
Wavelength Range	1525 nm to 1575 nm
Output Power	≥+6 dBm
Power Stability	±0.03 dB
Signal to Source Spontaneous Emission Ratio (typ.)	≥39 dB/nm
Wavelength Repeatability	±0.05 nm
Wavelength Stability (typ., 24h)	<±0.02 nm

High Bandwidth

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP