

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 *Chroma 6630* at our website: *Click HERE*



Power Analyzer
Model 6630/6632

KEY FEATURES

- Test Voltage and Current Harmonics in compliance with IEC61000-3-2, IEC61000-3-2 A14
- Test Flicker (voltage fluctuations) precompliance with IEC61000-3-3
- Advanced DFT and DSP technology
- Multi-processor system configuration
- Modular instrument with three measurement modules in DSP type
- 5 unique test function modules with Harmonics, Flickers, Multimeter, Recording, and Waveform for multipurpose test application requirements
- Harmonic analysis and bar graph / table results display up to 40 harmonics
- 2-channel 18-bit A/D converter in each measurement module
- Simultaneous presentation for voltage and current curves. (1~16 periods)
- Preprogrammed functions against standardized limits
- Wide voltage (6V to 2000Vpk) and current(0.1A to 300Apk) input range
- 3½" floppy driver for software update and result storage (Model 6630 only)



Model 6632

Chroma introduces a completely new concept, Power Measurement System, for fast and accurate power related measurements in compliance with international standards.

The Power Measurement System consisting of an advanced 6630/6632 Power Analyzer and a 6530 Series or other Chroma family AC Power Source is the ATE for Voltage and Current Harmonics test in compliance with IEC61000-3-2, IEC61000-3-2 A14, and for Flicker test (voltage fluctuations) following the IEC 61000-3-3 international standards. Performance testing is preprogrammed limits to specifications against standardized limits. The user-specified limits can be added.

Chroma 6630/6632 Power Analyzer is a modular instrument that is equipped with DSP type measurement module. Each measurement module contains Processor, Memory (ROM, RAM, Flash ROM), and two channels 18 bits A/D converter. As the Discrete Fourier Transform (DFT) technology is implemented in the software with 32-bit floating point mathematical algorithms, it can measure instruments related power at high- speed and analyze the measurement parameters (value) accurately. The instrument is also a combination of all standard instruments generally used for power measurements. It provides Voltage (U), Current (I), Active Power (P), Reactive Power (Q), Apparent Power (S), Active Energy (W), Reactive Energy (Wr), Apparent Energy (Wa), Frequency (f), Crest Factor (CF), Power Factor (PF), Phase Angle (ø).

Chroma 6630/6632 Power Analyzer is a flexible and unique multipurpose instrument designed for using stand-alone and integrated. Harmonics, Flicker, Multimeter, Recording, and Waveform are the five major function modules that can work stand-alone, or be integrated into an ATE environment to facilitate the system for testing and analysis. Future revisions of the supported standards are able to implement by software updates. The built in floppy disk drive gives users a convenient way to save the test parameters and results.

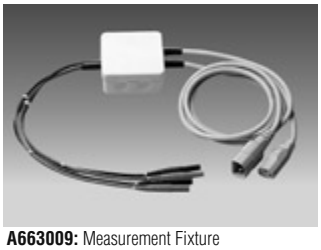
SPECIFICATIONS		
Model	**6630**	**6632**
Display	LCD 640x480 pixels with backlight	- -
Printer output for hardcopy	Parallel (Centronics compatible) or serial (RS232)	
Floppy drive	1.44MB 3" PC-format. For software updates and result storage	- -
Rack mounting	With optional rack mount kit. Size 19" 3HE	
Dimension (H x W x D)	132.6 x 423 x 331 mm / 5.22 x 16.67 x 13.07 inch	
Weight	Single phase 9 kg / 20 lbs, three phase 11.4 kg / 25 lbs	
Operating environment	0 to +40˚C, < 80 % R.H. non condensing	
Storage environment	-30 to + 60˚C non condensing	
Power supply	100-130V or 200~240V, automatic range selection	
Power line frequency	50/60 Hz	
Power consumption	45 W max.	
Protection	Fuse 2xF1A on rear panel	
Safety	Designed to comply with the Low Voltage Directive 73/23/EEC plus parts of 93/68/EEC. Applied standard, EN61010-1:1993, Installation category II.	
EMC	Designed to comply with the EMC Directive 89/336/EEC and 92/31/EEC Applied standards, EN50081-1:92 and EN50082-1:92	
Warranty	One year from date of delivery for manufacturing and material failures	

ORDERING INFORMATION

6630 : Power Analyzer, 1ø DSP
6630 : Power Analyzer, 3ø DSP
6630 : Power Analyzer, 1ø DSP without Flicker
6630 : Power Analyzer, 3ø DSP without Flicker
6632 : Power Analyzer, 1ø DSP
6632 : Power Analyzer, 3ø DSP
A663003 : Measurement Input Cables
A663004 : Rack Mounting Kit for Model 6630/6632
A663008 : Spare Current Measurement Input Fuse
A663009 : Measurement Fixture
A663010 : DSP Measurement Module
A600009 : GPIB Cable (200cm)
A600010 : GPIB Cable (60cm)



A663010: DSP Measurement Module



A663009: Measurement Fixture

All specifications are subject to change without notice.
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