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 *Crescent Electronics VED 205* at our website: *Click HERE*

VIDEO EDGE DETECTOR

SPECIFICATIONS:

VIDEO:
Amplitude: 1.0 volt pk-pk
Input impedance: 75 ohms or 2000 ohms
Bandwidth: 2 Mhz
Output impedance: 1.0 volt pk-pk into 75 ohms
Video: EIA, NTSC, CCIR and PAL compatible

DETECTION:
Raster lines: thumbwheel selectable
Temporal resolution: 16.7 msec (20 msec PAL-CCIR)
(8.3 or 4.2 msec with optional camera)
Spatial resolution: 1 part in 10,000 or 1 mV
(with 400X magnification = 0.015 microns)
Trigger slope: black to white or white to black
Trigger threshold: adjustable from black to white
Windows: position and width adjustable

OUTPUTS:
Available: left edge, right edge, difference of right minus left
Amplitude: 0 - 10 volts (left to right)
Linearity: <0.1% nonlinearity plus camera error*
Offset: 0 - 10 volts on all outputs
Type: 16.7 (20) msec sample and hold (step) or
60 Hz 4 pole low pass filter (filter)
Sync: TTL output - 63 usec positive pulse
Data ready: TTL output - 60 usec positive pulse

OTHER:
Power: 100 - 240 VAC 50/60 Hz
20 watts
Dimensions: 19" x 3.5" x 14"
48cm x 8.9cm x 36cm

*Camera nonlinearity may exceed 5% dependent on camera's make and model. Most CCD cameras are less than 0.1% and are therefore recommended.

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