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 *Optronic Laboratories OL700VIS/NIR* at our website: *Click HERE*

OPTRONIC™
LABORATORIES

OL 770UV/VIS AND OL 770VIS/NIR MULTICHANNEL SPECTRORADIOMETER SPECIFICATIONS

OL 770 UV/VIS SPECIFICATIONS	
WAVELENGTH RANGE *(STANDARD)*	200 to 780 nm
WAVELENGTH ACCURACY	± 0.75 nm
OPTICAL BANDWIDTH	3.5 nm *(with 100 µm Input Slit; 50 µm and 200 µm also Available)*
SPECTRAL RESOLUTION	± 0.6 nm
SLITS *(USER INTERCHANGEABLE)*	100 Micron *(Standard)*; 50 Micron & 200 Micron *(Optional)*
OPTICAL FOCAL LENGTH	140 mm
OPTICAL INPUT	Fiber Optic
OPTICAL APERTURE	f/2
OPERATING TEMPERATURE	0 to 40°C
OPERATING HUMIDITY	0 to 90% *(Non-condensing)*
DETECTOR TECHNOLOGY	TE-Cooled, Back-Thinned, 2-Dimensional CCD Array
DETECTOR COOLING TEMPERATURE	-10°C
QUANTUM EFFICIENCY	> 90% at 650 nm
CHROMATICITY ACCURACY	± 0.002 x,y
CHROMATICITY REPEATABILITY *(TEMPERATURE STABILIZED BLUE LED)*	± 0.00015 x. ± 0.0002 y
STRAY LIGHT *(TUNGSTEN SOURCE)*	< 2.5 E^{-4} *(> 300 nm)*
INTEGRATION TIME	20 ms – 60 s
A/D RESOLUTION	16 Bits
A/D RATE	250 kHz
POWER INPUT	115/230 Vac
INTERFACE	USB, RS-232
DIMENSIONS	7 ¼" W x 13 ¼" H x 13" D *(18.4 cm W x 33.6 cm H x 33.0 cm D)*
WEIGHT	22.5 lbs. *(10.2 kg)*

Information Sheet: IS41 Jan 2019
As part of our policy of continuous product improvement,
we reserve the right to change specifications at any time.

OL 770 VIS/NIR SPECIFICATIONS	
WAVELENGTH RANGE *(STANDARD)*	380 to 1100 nm
WAVELENGTH ACCURACY	± 1.0 nm
OPTICAL BANDWIDTH	5.0 nm *(with 100 µm Input Slit: 50 µm and 200 µm also Available)*
SPECTRAL RESOLUTION	± 0.75 nm
SLITS *(USER INTERCHANGEABLE)*	100 Micron *(Standard)*; 50 Micron & 200 Micron *(Optional)*
OPTICAL FOCAL LENGTH	140 mm
OPTICAL INPUT	Fiber Optic
OPTICAL APERTURE	f/2
OPERATING TEMPERATURE	0 to 40°C
OPERATING HUMIDITY	0 to 90% *(Non-condensing)*
DETECTOR TECHNOLOGY	TE-Cooled, Back-Thinned, 2-Dimensional CCD Array
DETECTOR COOLING TEMPERATURE	-10°C
QUANTUM EFFICIENCY	> 90% at 650 nm
CHROMATICITY ACCURACY	± 0.002 x,y
CHROMATICITY REPEATABILITY *(TEMPERATURE STABILIZED BLUE LED)*	± 0.00015 x, ± 0.0002 y
STRAY LIGHT *(TUNGSTEN SOURCE)*	< 2.5 E^{-4}
INTEGRATION TIME	20 ms – 60 s
A/D RESOLUTION	16 Bits
A/D RATE	250 kHz
POWER INPUT	115/230 Vac
INTERFACE	USB, RS-232
DIMENSIONS	7 ¼" W x 13 ¼" H x 13" D *(18.4 cm W x 33.6 cm H x 33.0 cm D)*
WEIGHT	22.5 lbs. *(10.2 kg)*

OPTRONIC™
LABORATORIES

Information Sheet: IS41 Jan 2019
As part of our policy of continuous product improvement,
we reserve the right to change specifications at any time.

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