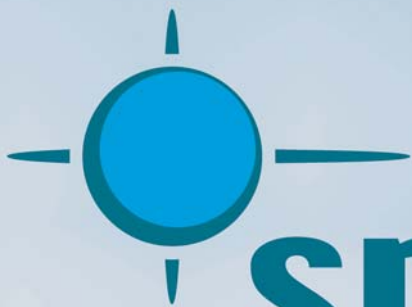


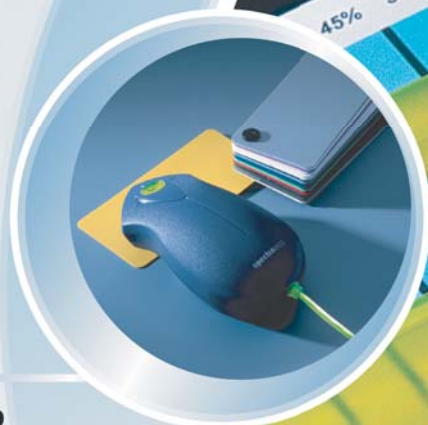


spectrocam

*The breakthrough
in color control*

Scanning spectrophotometer

Measures over 100 color patches per minute, making it the ideal tool for color management...



Spectro Colorimeter and Densitometer

Measures colors and densities of printed materials with the accuracy of a high end spectrophotometer...



AVANTES **spectrocam**

SPECIFICATIONS **SPECTROCAM 75 RE**

SPECTROPHOTOMETER MODULE

Aperture:	1.5 x 2 mm
ISO standard geometry:	0° (±5°)
Spectral range:	380-750 nm
Optical resolution:	5 nm (75 bands)
Bandwidth:	20 nm
Wavelength calibration:	< 2 nm
Spectral reporting:	5 nm interval
Analog-to-Digital converter:	12 bits

REFLECTION ILLUMINATOR MODULE

Illuminated aperture:	2 options: 3.5x4mm and 5.5x6mm
ISO standard geometry:	Annular 45°
Illumination source:	Pulsed Xenon gas discharge tube
Maximum pulse frequency:	35 Hz
Reference measuring:	Light output, Voltage, Temperature

SOFTWARE FUNCTIONS

Color spaces:	CIE XYZ, xyY, Luv, Lab, LCH, correlated color temperature, whiteness index, HSB, RGB
Color difference values:	ΔE , $\Delta E(94)$, $\Delta E(CMC)$
Observers:	CIE 2° and 10° human observer
Illuminants:	A, C, E, D50, D55, D65, D75
Density functions:	Status A, T, E, I and DIN 16536-2

DIMENSIONS AND ACCESSORIES

Spectrocam:	130(l) x 70(w) x 50(h) mm
Available colors:	Arctic Blue and Mauve
Weight excluding accessories:	180 grams
Scan plate:	335(l) x 240(w) x 6(h) mm
Scan plate surface:	ISO standard black backing material
Scan ruler:	250 mm scan length
Serial connection plugs:	Apple Mac modem port; IBM PC RS 232 sub-D9
AC adapter:	90-260 VAC, 50/60 Hz to 12 VDC, 0.5 A.

SPECTRO COLORIMETER

Reflectance range:	0 to 160%
Typical measuring time:	0.4 sec (based upon 12 readings)
Short-term repeatability on white:	Typ. 0.1 ΔE (Max. 0.3 ΔE)
Interinstrument accuracy:	Typ. 0.4 ΔE (Max. 0.8 ΔE)
White calibration traceable to:	Average of 12 BCRA tiles European Community Bureau of Reference

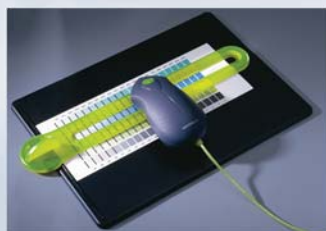
SPECTRO DENSITOMETER

Density range:	-0.200 to + 3.00
Measuring time:	Typ. 0.4 sec (based upon 12 readings)
Short-term repeatability on white:	Typ. 0.002 (max. 0.004)
Linearity:	Typ. 0.003 (max. 0.005) at D=0.500

PERFORMANCE

SCAN FUNCTION

Number of readings per patch:	Averages 4 to 16 readings
Average scan time per patch:	0.4 sec. For screen frequencies $\geq$ 85 lines/inch
Minimum screen frequency:	45 lines/inch (=1.8 lines/mm)
Target dimensions:	Scantime 2 sec Recommended 10x10 mm Minimum 7x8 mm



Your Spectrocam Reseller:

Ihara Electronic Industries Co., Ltd.
 1816 Gandojima, Kamizue, Komaki, Aichi 485-0822, Japan
 Tel: +81-568-76-7878 Fax: +81-568-76-6188
 e-mail: color-sales@ihara-group.com

Ihara U.S., Inc.
 25030 Avenue Tibbitts, Building K
 Valencica, California 91355, USA
 Tel: +1-661-257-5772 Fax: +1-661-257-5880
 e-mail: ihara@ihara-us.com

URL: <http://www.ihara-us.com>