

Intelligent Measuring Technology
when Color Quality counts



Spectrophotometers
for professional digital printing
for most different materials

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- aperture diameter 2, 6, 8 mm
- measurements of transmissive and reflective media
- up to 20 mm thick media

Spectro LFP S.3 RT

Spectro LFP S.3 TEX

The Spectro LFP Series 3 is the most versatile transmission / reflection spectrophotometer ever. It is specially designed for automatic measurement of most different materials in large format, flatbed and industrial printing.

Application fields

- Creation of ICC profiles for digital output devices for most different materials (both reflective and transparent)
- Linearization of digital output devices
- Single measurements of spot-colors with subsequent check of the color-true printing
- Use as a densitometer to determine density values for films and papers

Main features

- For transparent and reflective media
- Measurement aperture switchable between diameter 2, 6 and 8 mm
- Also for heavy and thick materials (max. media thickness 20 mm)
- Supported by most RIP-software (www.barbierielectronic.com)
- Some examples of materials which can be measured fully automatically: textiles, glass, backlit film, papers, vinyl, cardboards, plastic plates, gypsum plates, wood, stone and ceramic plates.

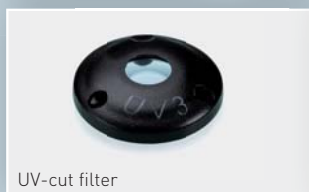
- ISO 13655-2009 measurement conditions: M0, M2 (UVCut) and M3 (PoL)
- Available in 2 versions:
 - Spectro LFP RT
 - Spectro LFP Tex
- Including free measurement software Profile-Xpert Gateway for Mac and PC
- Geometry:
 - reflection 45°/0°
 - transmission d/0°

System requirements

- Microsoft Windows XP or later (32 and 64 bit)
- Mac OS X 10.5 or later (Intel)

	Spectro LFP Tex	Spectro LFP RT
Reflective measurements	<input checked="" type="radio"/>	<input checked="" type="radio"/>
Transmissive measurements	<input type="radio"/>	<input checked="" type="radio"/>
2 mm measurement aperture	<input type="radio"/>	<input checked="" type="radio"/>
6 mm measurement aperture	<input type="radio"/>	<input checked="" type="radio"/>
8 mm measurement aperture	<input checked="" type="radio"/>	<input checked="" type="radio"/>
Automatic measurements	<input checked="" type="radio"/>	<input checked="" type="radio"/>
Up to 2 mm thick media	<input checked="" type="radio"/>	<input checked="" type="radio"/>
Up to 20 mm thick media	<input type="radio"/>	<input checked="" type="radio"/>

Accessories Spectro LFP S.3





- no button operation
- flexible media up to 1 mm thickness
- measurements of transmissive and reflective media

Spectro Swing

Thanks to his ability to measure also transparent materials and to measure most different flexible media, the Spectro Swing is a very special and unique measurement device. It is the ideal measurement device for production environments as it is tailored to the needs of all aqueous, solvent and UV roll-to-roll printers.

Application fields

- Creation of ICC profiles for digital output devices for most different materials (both reflective and transparent)
- Linearization of digital output devices
- Single measurements of spot-colors with subsequent check of the color-true printing
- Use as a densitometer to determine density values for films and papers

Target markets

- Inkjet (aqueous, solvent) printing
- Digital photo printing
- Packaging

Main features

- For transparent and reflective media
- Measurement aperture diameter 2 mm
- Easy to use thanks "no-button operation"
- Able to measure targets with up to 3000 patches

- For most different, flexible media up to 1 mm thickness (paper, banner, canvas, canvas cover for trucks, backlit, etc.)
- Supported by most RIP-software (www.barbierielectronic.com)
- ISO 13655-2009 measurement conditions: M0, M2 (UVCut)
- Available in 3 versions:
 - Spectro Swing RT: (reflective and transparent)
 - Spectro Swing T: (transparent media only)
 - Spectro Swing R: (reflective media only)
- Including free measurement software Profile-Xpert Gateway for Mac and PC
- Geometry:
 - reflection 45°/0°
 - transmission d/0°

System requirements

- Microsoft Windows XP or later (32 and 64 bit)
- Mac OS X 10.5 or later (Intel)

	Spectro Swing R	Spectro Swing T	Spectro Swing RT
∅2 2 mm measuring aperture	●	●	●
Up to 1 mm thick media	●	●	●
Automatic measurements	●	●	●
Reflective measurements	●		●
Transmissive measurements		●	●

Accessories Spectro Swing



- Barbieri qb-technology inside
- cordless / battery operated
- touch display



Spectro pad

The portable professional spectrophotometer to measure most variety of different media used in professional digital printing (including large and wide format). Thanks to its independence from a computer it can be used also directly on the printer. Its integrated touch display facilitates the interaction with the device and gives immediate feedback about the measurement results. It is the ideal tool for all digital print professionals for use also away from the desk.

Application fields

- Process and quality control
- Linearization of digital output devices
- Single measurements of spot-colors with subsequent check of the color-true printing
- Creation of ICC profiles for digital output devices for most different materials
- Use as a densitometer to determine density values

Main features

- Portable
- Measurement aperture diameter 6 mm
- For most different reflective media
- Barbieri qb-technology inside (D50 LED illumination, next generation of highest precision spectral core)
- ISO 13655-2009 measurement condition: M1 and additionally M0, M2 (UVCut)
- 1-line manual scanning
- Touch Screen

- Battery operated
- WiFi data transmission (cordless)
- Geometry: 45°/0°
- Including free measurement software Profile-Xpert Gateway for Mac and PC

System requirements

- Microsoft Windows XP or later (32 and 64 bit)
- Mac OS X 10.5 or later (Intel)

Target markets

- professional digital printing

	Spectro Pad	Spectro Pad DOC
6 mm measuring aperture	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Reflective measurements	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Measurement of linearization and profiling charts	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Digital Output Control (DOC)		<input checked="" type="checkbox"/>



Accessories Spectro pad

