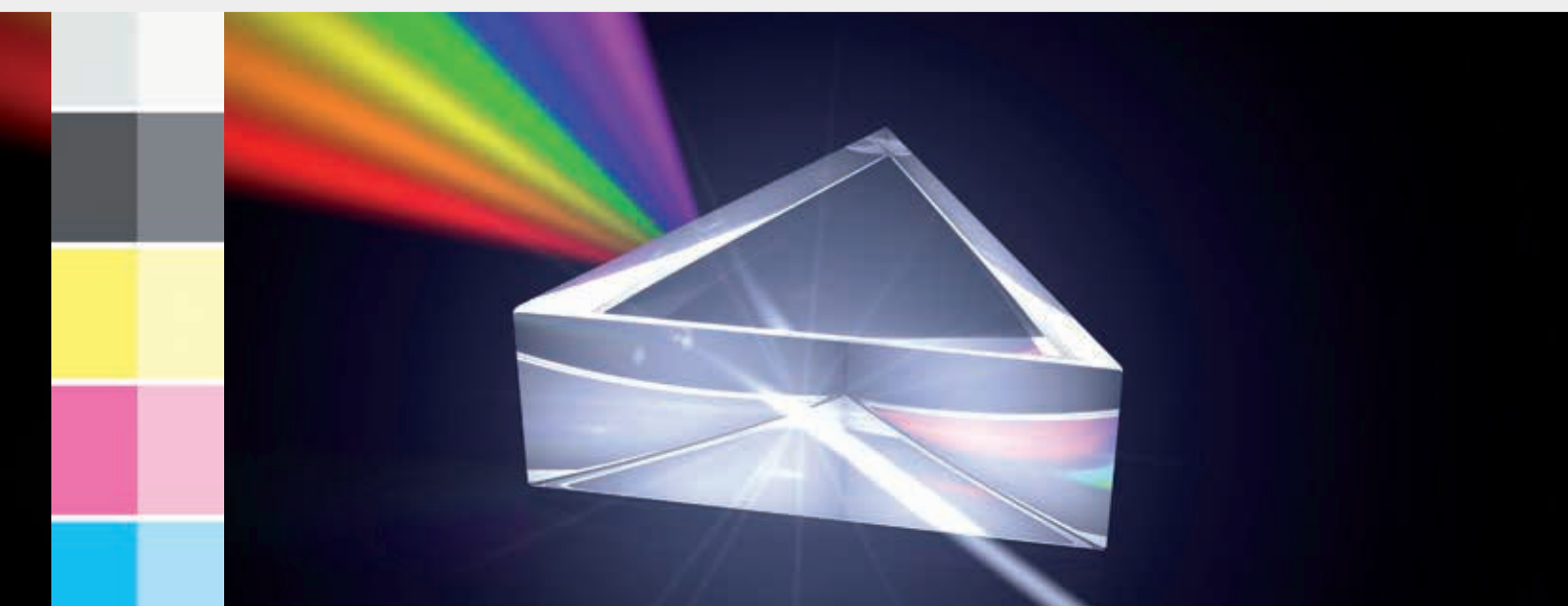


**Intelligent Measuring Technology  
when Color Quality counts**



Spectrophotometers  
for professional digital printing  
for most different materials



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

# Spectro **LFP<sub>S.3</sub> RT**

# Spectro **LFP<sub>S.3</sub> 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

## 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](http://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.

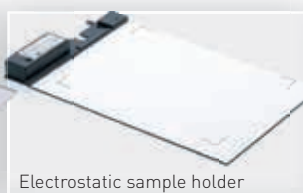
- ISO 13655-2009 measurement conditions: M0, M2 (UVCut) and M3 (Pol)
- Available in 2 versions:
  - Spectro LFP RT
  - Spectro LFP Tex
- Including free measurement software Barbieri Gateway for Mac and PC
- Geometry:
  - reflection 45°/0°
  - transmission d/0°

## 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	●	●
Transmissive measurements		●
2 mm measurement aperture		●
6 mm measurement aperture		●
8 mm measurement aperture	●	●
Automatic measurements	●	●
Up to 2 mm thick media	●	●
Up to 20 mm thick media		●

## Accessories Spectro **LFP<sub>S.3</sub>**





- 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

### 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

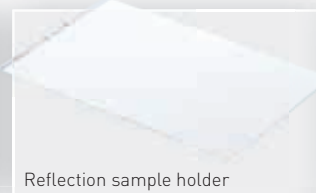
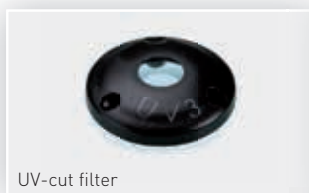
- For most different, flexible media up to 1 mm thickness (paper, banner, canvas, canvas cover for trucks, backlit, etc.)
- Supported by most RIP-software ([www.barbierielectronic.com](http://www.barbierielectronic.com))
- ISO 13655-2009 measurement conditions: M0, M2 (UVCut)
- Including free measurement software Barbieri 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
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 reflective 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.

## Application fields

- Process and quality control (SpectroPad DOC)
- Measurement of linearization, profiling and custom charts on most different materials
- Single measurements of spot-colors with subsequent check of color-true printing

## Main features

- Portable, wireless (battery operated, WiFi)
- Measurement aperture diameter 6 mm
- Barbieri qb-technology inside (D50 LED illumination, next generation of highest precision spectral core)

- ISO 13655-2009 measurement condition: M1, M0 and M2 (UVCut)
- 1-line manual scanning
- Touch Screen
- Including free measurement software Barbieri Gateway for Mac and PC
- Geometry: 45°/0°

## 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		
Reflective measurements		
Measurement of linearization and profiling charts		
Digital Output Control (DOC)		

## Accessories Spectro pad





## Barbieri DOC (Digital Output Control)

Easy Process Control

for Digital Large Format Printing



Barbieri SpectroPad DOC with  
build-in process control analysis

**Barbieri DOC compares the actual print with a preset reference and gives immediate feedback if color values are within tolerance; without computer, directly on the large format printer.**

Do you know if your printing conditions have changed? Do you know if you are able to reproduce the same colors again? Media, ink, temperature, workflow, printer interventions; there are many factors who influence the color appearance in digital large format printing.

Right for this reason BARBIERI introduces Barbieri DOC (Digital Output Control). This process control solution checks the stability of the digital printing process and is tailored to the needs of large format, flatbed and industrial printing. It is easy to use and straightforward thinking: the actual situation of a printer/media combination is set as reference and all following prints are compared to this. For the wide range of media used in digital large format printing Barbieri provides presets and templates tailored to each special media characteristic. The comparison of the actual situation to the reference unveils whether the printing process is stable and the printer operator can decide on the spot if he can continue printing or has to do adjustments in the printing process.

The DOC process control solution by Barbieri consists of the innovative SpectroPad and special build-in DOC software. Using SpectroPad DOC the stability of the process can be verified immediately and whether the actual print is within specifications can be determined directly on the printer. Being wireless (battery operated and data transmission by WiFi) the control strip can be measured directly on the printer, the measuring device calculates the DOC report internally and by means of the touch display the result is shown immediately. If needed, the data can be sent wireless to a computer where a report can be printed and data stored.

Barbieri DOC supports also the calculations according to Fogra PSD.

**Barbieri DOC is available also for Spectro LFP and Spectro Swing.**

Spectro **LFP** S.3

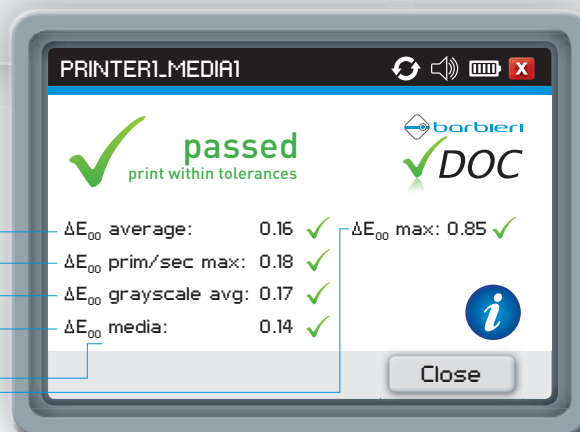
Spectro *Swing*

Spectro pad



### Information about

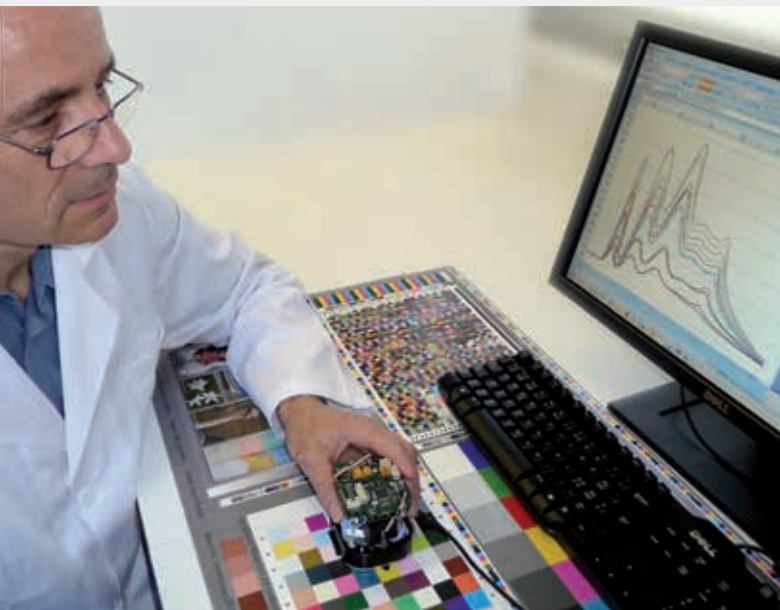
- Gamut
- Ink
- Linearization
- Media
- Color Distance Formula
- Chart, Measurement



Barbieri DOC report shown  
on SpectroPad DOC



## Intelligent Measuring Technology when Color Quality counts



BARBIERI electronic is an internationally operating manufacturer and supplier of intelligent color measurement systems which ensure the highest image quality for professional digital printing. Barbieri has specialized and offers unique solutions for large format, wide format, flatbed and industrial printing.

Barbieri measuring devices have very special features developed right for these markets which include automatic measurements of transparent media, large measuring aperture and process control. Thanks to this measurement results of highest accuracy can be obtained also on most different media.

The international Barbieri technical laboratory continuously discovers new features, characteristics and applications which improve products and help customers to improve their performance. Barbieri shares his knowledge and experience in color measuring with the whole market, but especially with all professionals who are proud owner of Barbieri devices.

Besides intelligent color measuring technology Barbieri focus also on professional service. Barbieri's aim is their customer to become top performer thanks to highest image quality.

**Barbieri is the color measurement market leader for large format, flatbed and industrial printing.**