

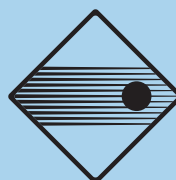
# BARBIERI Spectrophotometer

## Spectro Swing

The easiest way to achieve top quality prints from your digital output devices



To create real profiles  
also for transparent media!



**BARBIERI**  
electronic  
When Color Quality counts

## Spectrophotometer Spectro *Swing*

Easy to use, versatile and reliable.

Thanks to the "No Button Operation" the BARBIERI spectrophotometer Spectro Swing is the easiest way to linearize and profile your digital output device for top color quality.

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 measuring device.

### Main features

- For transparent and reflective media
- Easy to use thanks to its "no-button operation"
- For most different, flexible media (paper, banner, canvas, canvas cover for trucks, backlit etc.)
- Easy-Operation-Mode
- Time saving
- Avoiding handling errors
- Extremely high measuring precision and repeatability
- Supported by most RIP-software ([www.barbierielectronic.com/RIP.htm](http://www.barbierielectronic.com/RIP.htm))
- 3 reading modes:
  - Automatic measurements
  - Spot measurements
  - Density measurements
- BARBIERI typical design: simple, robust and reliable.
- Compatible for Macintosh and PC

### Target markets

- Digital photo and inkjet printing
- Packaging
- Proofing
- Fine art printing
- Prepress

### Application fields

- Creation of ICC profiles for digital output devices for different media (both reflective and transparent)
- For linearization of digital output devices
- Use as a densitometer to determine density values for films and papers

### Optional

- UV-cut filter

### Recommended accessories

- BARBIERI Profile-Xpert - professional Color Management software for ICC profile creation

### Technical data

- Maximum measuring area: 220 x 600mm (8.7 x 23.6 in)
- Maximum patches / target: up to 3000
- Target thickness: max. 0,7mm (0.03 in)
- Measuring aperture:
  - reflection 2mm (0.08 in)
  - transmission 2mm (0.08 in)
- Measuring speed: approx. 12min. for 1248 fields
- Smallest measuring step: 0,2mm (0.008 in)
- Geometry:
  - reflection 45°/0°
  - transmission d/0°
- Calibration: automatic with internal white reference
- Physical illumination: type A
- Measuring time: < 0,3sec.
- Repeatability:
  - < 0,2 ΔE94 on white or
  - ± 0,005D (up to 1.000D)
- Inter-instrument agreement: typ 1 ΔE94
- Measuring sensor: diffraction grating with diode array
- Spectral resolution: 3,5nm
- Spectral range: 380 ... 780nm
- Density measuring range: 0...2.5D
- Interface: USB for Mac, PC and Linux
- Dimensions: 500 x 230 x 105mm (19.7 x 9.1 x 4.1 in)
- Weight: 4kg (8.8 lbs)

### System requirements

- Personal Computer running Microsoft Windows 2000 or later
- Apple Power Mac G3 or newer running OS X version 10.3 or newer

- Including free measuring software Profile-Xpert Gateway for Microsoft Windows



For transparent media to apply color management where images are illuminated from behind



Easy to use thanks to its "no-button operation"

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