# Spectrophotometer SpectroSwing qb

**barbieri**

When Color Quality counts

Easy to use, versatile and reliable.
For most different, flexible media (paper, banner, canvas,
canvas cover for trucks, backlit etc.)

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

## Main features
- 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
- Avoiding handling errors
- Extremely high measuring precision and repeatability
- Supported by most RIP-software
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## Target markets
- For all aqueous, solvent and UV roll-to-roll printers
- Digital photo and inkjet printing
- Packaging
- Proofing
- Fine art printing
- Traditional printing
- Consumer printing

## Application fields
- Creation of ICC profiles for digital output devices for different media (both reflective and transparent)
- For linearization of digital output devices

## Optionals
- Digital Output Control (DOC)

## Recommended accessories
- Transmission sample holders

## Technical data
- Maximum measuring area:
  220 x 600mm (8.7 x 23.6 in)
- Maximum patches / target: up to 3000
- Target thickness:
  max. 1,2mm (0.05 in)
- Measuring aperture:
  - reflection 2mm (0.08 in)
  - transmission 2mm (0.08 in)
- Smallest measuring step:
  0,2mm  (0.008 in)
- Geometry:
  - reflection 45°:0°
  - transmission d:0
- Calibration: automatic with internal white reference
- Physical illumination: White LED module with D50 simulation
- ISO 13655-2017 measurement condition M0, M1, M2 (UVCut)
- Repeatability:
  < 0,2 $\Delta E00$ on white or
  ± 0,005D (up to 1.000D)
- Inter-instrument agreement on 12 BCRA color tiles:
  Average: 0.5 $\Delta E00$
  Max: 1.0 $\Delta E00$
- Measuring sensor:
  diffraction grating with diode array
- Spectral range: 380 ... 750 nm
  Spectral resolution: 2 nm
  Optical resolution: 10 nm
- Spectral range: 380 ... 780nm
- Density measuring range: 0...2.5D
- Interface:
  USB-C and Ethernet
- Dimensions:
  510 x 240 x 130mm (LxWxH)
  20 x 9.5 x 5.1 inch
- Weigth: 5.5 kg (12 lbs)

- Including free measuring software Barbieri Gateway for Mac and PC

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

**www.barbierielectronic.com**