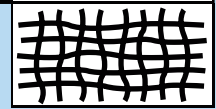
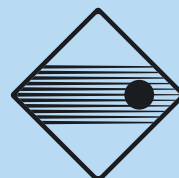
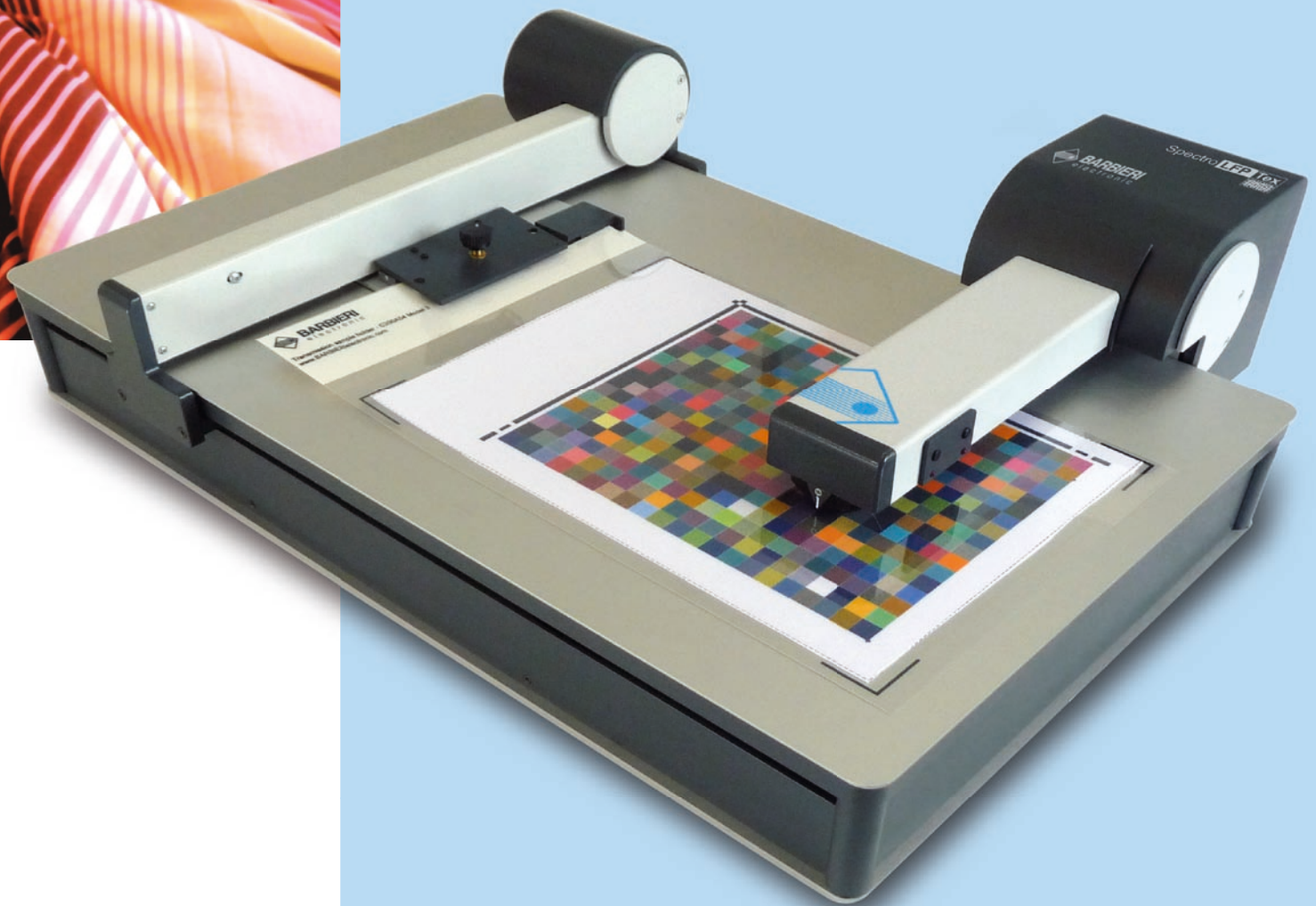


BARBIERI Spectrophotometer

Spectro **LFP** **Tex**



The Automatic Spectrophotometer
for Textile and Fabric Printing Market



BARBIERI
electronic
When Color Quality counts

Spectrophotometer Spectro **LFP** **Tex**



The BARBIERI spectrophotometer for textile and fabric printing market.

Use

The Spectrophotometer Spectro LFP Tex is an automatic color measuring instrument for the textile and fabric printing market. In combination with according Rip software it is used for ICC profile creation and for linearization of digital output devices.

Main features

- Large 8mm measuring aperture for most accurate readings on textiles
- Fully automatic measurements
- Special holder for textiles which ensures easy mounting and prevents distortions
- 3 reading modes:
 - Automatic measurements
 - Single measurements
 - Density measurements
- Supported by most RIP-software (www.barbierielectronic.com/RIP.htm)
- Compatible for Macintosh and PC

Possibility to upgrade to the following features:

- Transparent measurements
- Measuring aperture switchable from 2 to 8mm
- Thick medias up to 20mm

Application fields

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

Recommended accessories

- Sample holder for different materials
- UV-cut filter
- Carrying case (trolley)

Technical data

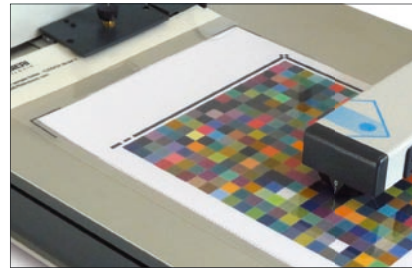
- Measuring speed: approx. 10min. for 1248 fields
- Maximum measuring area: 290 x 200mm (11.42 x 7.87in)
- Target thickness: max. 2mm (0.08in)
- Smallest measuring step: 0,2mm (0.01in)
- Measuring aperture:
 - reflection 8mm (0.31in)
- Geometry:
 - reflection 45°/0°
 - transmission d/0°
- Calibration: automatic with internal white reference
- Physical illumination: type A
- Measurement 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, RS232
- Dimensions:
 - 571 x 433 x 160mm
 - (22.48 x 17.05 x 6.3in) (LxWxH)
- Weight: 11kg

With upgrade:

- Target thickness: max. 20mm (0.79in)
- Measuring apertures:
 - reflection 2 and 8mm (0.08 and 0.31in) (switchable)
 - transmission 2 and 8mm (0.08 and 0.31in) (switchable)

System requirements

- Microsoft Windows XP or later (32 and 64 bit)
- Mac OS X 10.5 or later (Intel)
- Including free measuring software Profile-Xpert Gateway for Mac and PC



Member of



	Spectro LFP Tex	Spectro LFP Tex (with upgrade)
Reflective measurements	✓	✓
Transmissive measurements		✓
8 mm measuring aperture	✓	✓
2 mm measuring aperture		✓
Automatic measurements	✓	✓
Up to 20mm thick media		✓