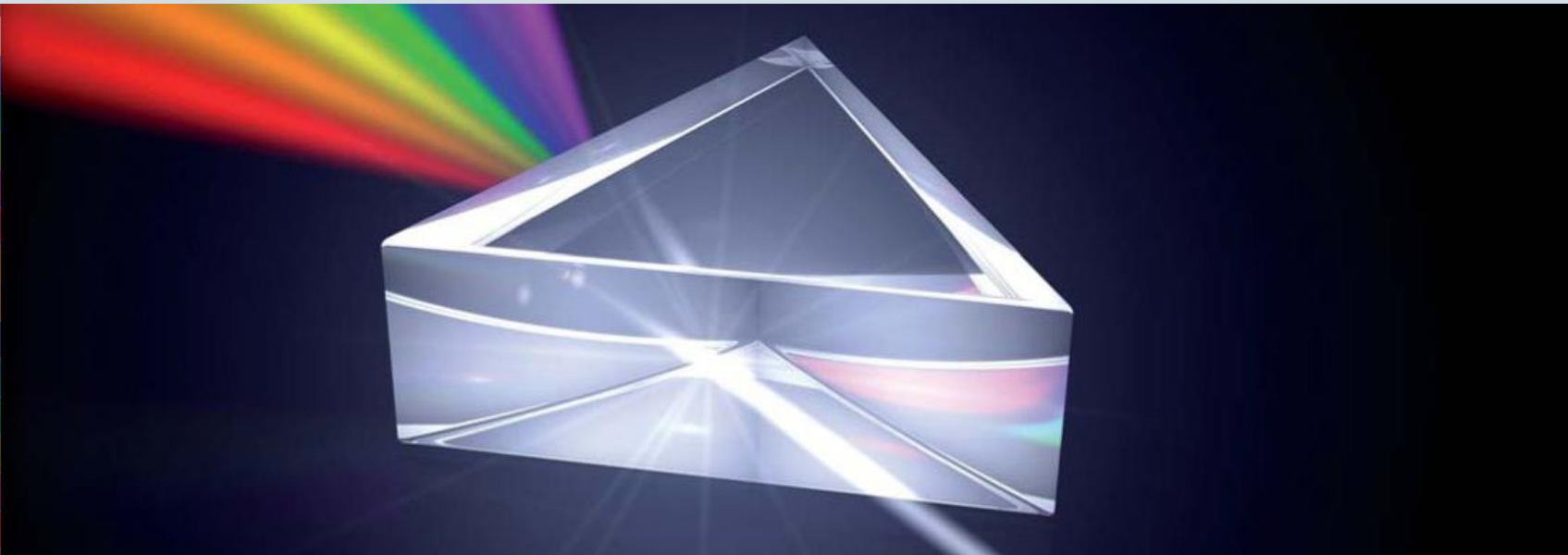


Intelligent Measuring Technology
when Color Quality counts



Spectro pad®

Barbieri qb-technology inside

**Portable Spectrophotometer
for professional digital printing**



Spectro pad[®]

Features:

- Portable
- Battery operated
- WiFi data transmission (cordless)
- 6 mm measuring aperture
- Barbieri qb-technology inside
- Touch Screen

Advantages for User:

- Use away from the desk
- No need to cut the media
- Show results immediately
- Measure most different substrates
- Highest precision
- User friendliness



Main application:

- Process control for professional digital printing)
- Measurement of charts (linearization / profiling)
- Spot measurements

Target customer:

- Professional digital printer
- Color Management consultant
- Technicians for printer installation



For most different reflective Media:

- Banner
- Rigid / thick media
- Textiles
- Canvas
- PVC
- Fine Art Paper
- Paper
- ...

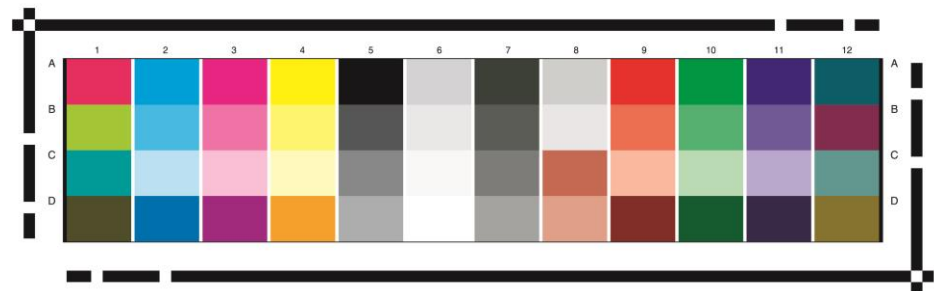


DOC – Digital Output Control: Easy-to-use Process Control for digital Large Format, Flatbed and Industrial Printing



Spectro pad[®] DOC

SpectroPad 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.



Spectropad DOC

Setup:

1. Print control strip on linearized and profiled printer
2. Measure with Spectropad DOC
3. Set this data as reference (for this printer/media)

Daily check:

1. Print control strip before production starts
2. Measure control strip and get immediately green or red light

Print (through computer):

1. Print report
2. Keep track of quality

SpectroPad DOC (report shown on display)

Information about:

Gamut	ΔE_{00} average:	0.10	ΔE_{00} max: 0.35
Ink	ΔE_{00} prim/sec max:	0.13	
Linearization	ΔE_{00} grayscale avg:	0.10	
Media	ΔE_{00} media:	0.02	

PRINTER1_MEDIA1 🔊 📄 ✖



passed
print in tolerances



DOC

<u>Gamut</u>	ΔE_{00} average:	0.10	ΔE_{00} max: 0.35
<u>Ink</u>	ΔE_{00} prim/sec max:	0.13	
<u>Linearization</u>	ΔE_{00} grayscale avg:	0.10	
<u>Media</u>	ΔE_{00} media:	0.02	



Chart,
Measurement

Color Distance
Formula

Charts (patch > 10mm):

- Quality control targets
- Linearization targets
- Profiling targets
- Ugra/Fogra Mediawedge
- IDEAlliance G7 Control wedge
- Custom charts



Spectro pad®

Barbieri qb-technology inside

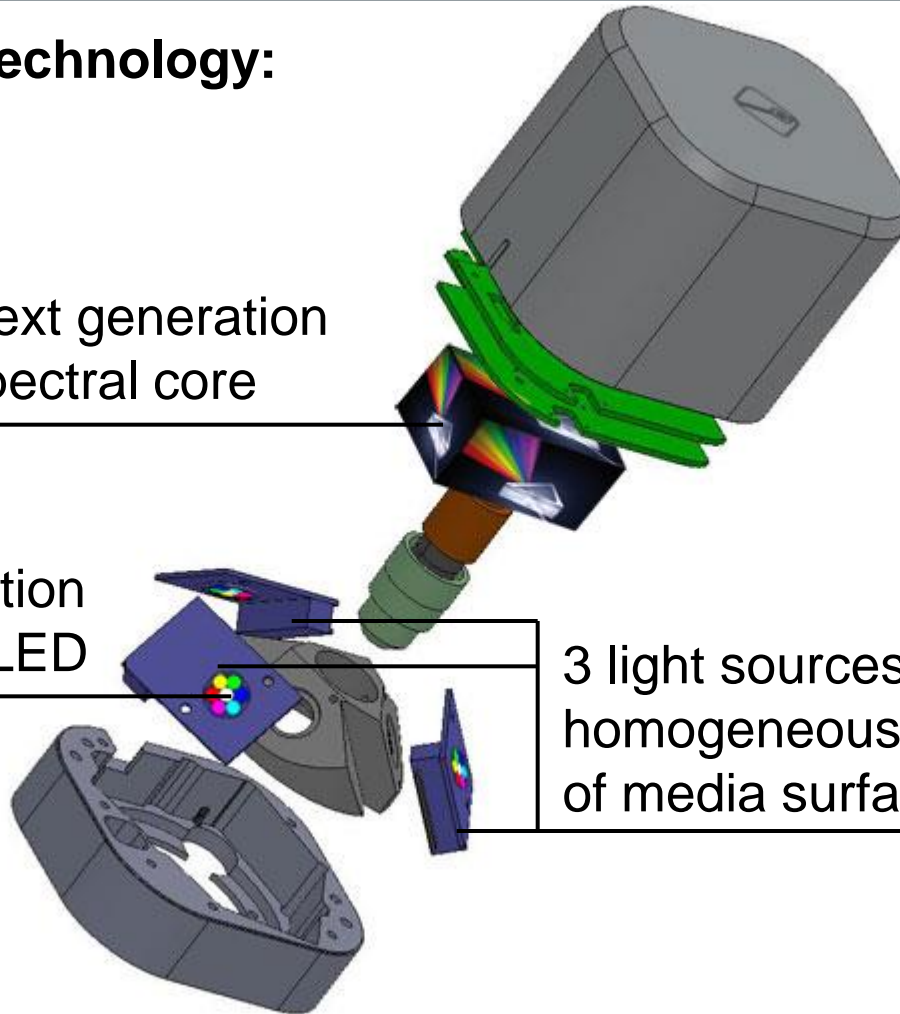


Barbieri qb-technology:

Next generation
spectral core

D50 illumination
based on 7 LED

3 light sources for
homogeneous illumination
of media surface



Barbieri qb-technology:

- Just Normlicht D50 LED illumination
 - ISO 13655-2009 measurement condition:
M1 and additionally M0, M2 (UVCut)
- Next generation of highest precision spectral core

illumination measurement device = viewing booth



=



- a) The portable device for professional digital printing
- b) The device for a new application: **Process control**

