

# i1iO Automatic measuring stage for measuring i1Pro

**BRAKENSIEK®**  
SYSTEMHAUS



#### Properties:

- Automatic test bench for all i1Pro Meters
  - Provides consistent and reliable results
  - Avoid manual measurement errorincreases productivity
- Measuring speed up to 500 fields per minute (depending on the type of the i1Pro)
- Suitable for substrates up to 10mm thickness
- Automatic hold the substrate by electrostatic charging of the measuring surface
- For fast-scanning measurement requires special test charts, comply with the following parameters:
  - Test chart size to 32 cm \* 23 cm possible
  - Field size less than 5 mm \* 5 mm
  - Color difference between two fields DELTA.E > 10 or
  - 1 mm gaps between the panels (black or white)
- files for printing test charts and the reference files are in the software programs available that allow the control of the unit.
- In the measurement mode is any common test chart measured (5 mm \* 5 mm field).

#### Technical data:

- Geometry: 45 ° / 0 ° optic ring (circular lights)
- Light source: Gas-filled tungsten lamp, type A
- The aperture diameter: 4.5 mm
- Range: 380 nm - 730 nm, reflecting% 0 to 200
- Spectral resolution: Internal: 3.5 nm, output: 10 nm
- Product Deviation: mid ?E94 <= 0.4 (on 12 BCRA tiles)
- Repeatability: ?E94 = 0.1 (on a white ceramic)
- Measuring area / pad: White ISO 12647 / even surface defined possible
- Physical filters: No or UV cut (not changeable)
- Interface: USB 1.1



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