The Rapid Spectro Cube (RSC) is an all-in-one Color Management solution for the creation of ICC profiles especially in industrial digital printing applications. It contains an ultrafast color measurement system and software for ICC profiling.

Highlights
- Maximum substrate size 600x600 mm, substrate thickness 80 mm
- Maximum target size 450x450 mm
- Processing of 10,000 patches per target
- Measuring extremely small objects is possible, minimum patch size 1 mm
- Omnidirectional illumination
- Simple measurement and processing of complex substrates:
  - Non-white/tinted or colored substrates: e.g. corrugated, leather, wood, ceramics
  - Translucent surfaces and high gloss substrates: e.g. glass, varnish, metal, ceramic tiles and décor panels, backlit materials
  - Structured substrates: e.g. carpets, leather, textiles, ceramic tiles
- Creation of high-quality ICC profiles (CMYK, RGB, aNyColor)
- RSC Flightcase (RSC FC) or RSC Heavy Duty (RSC HD):
  Depending on your needs ColorGATE can offer different options of RSC HD and RSC FC.

Optimal adaptation to the production environment through various configuration options:
- Casing as a lightweight, transportable flightcase or in the heavy duty variant for stationary use in industrial applications production environments
- Optional scan function
- Standard or high-resolution sensor (depending on the type of use)

Further information incl. video on our website.
www.colorgate.com
“What you see is what you get – measure like your own eyes”

Typical spectrophotometers for graphical applications are specialized to read the single patches of printed media in a standard compliant way according to their fixed illumination and sensor geometry. They apply low-resolution sensors which make the process very time-consuming and it may lead to incorrect measurements of structured or translucent or reflective surfaces, with the consequence that obtained measurement data is useless for accurate color management.

The Rapid Spectro Cube (RSC), however, captures with its high-resolution sensor system a larger area and provides accurate measurement results of technically demanding surfaces, which are further processed in the course of processing for characterization purposes (ICC profiles) in such a way that the resulting color impression corresponds rather to the sense impression of the human color perception.

### Rapid Spectro Cube variants

<table>
<thead>
<tr>
<th>RSC Heavy Duty (RSC HD)</th>
<th>RSC Flightcase (RSC FC)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Construction: Robust steel frame construction with resistant side walls</td>
<td>Construction: Easy to dismantle plug-in construction with high tech honeycomb panels for high stability and low weight form</td>
</tr>
<tr>
<td>Ideal for heavy weight materials like ceramic tiles, concrete</td>
<td>Includes detachable trolley handle with roles for transporting the system</td>
</tr>
<tr>
<td>Drawer to load the substrate</td>
<td>Setup in less than 5 minutes so that this variant can be used for on-site-jobs for Color Management providers</td>
</tr>
<tr>
<td>Weight: 75 kg</td>
<td>Easy to transport</td>
</tr>
<tr>
<td>Weight: 32 kg (allowed as bulky luggage)</td>
<td></td>
</tr>
</tbody>
</table>

### Available RSC variants

- ColorGATE Rapid Spectro Cube FC P 006-901-009-001
- ColorGATE Rapid Spectro Cube FC SP 006-901-009-200
- ColorGATE Rapid Spectro Cube HD P 007-901-009-001
- ColorGATE Rapid Spectro Cube HD SP 007-901-009-200
- ColorGATE Rapid Spectro Cube HD Pplus 007-901-009-201

### Scanning dimensions and resolutions (SP variant)

<table>
<thead>
<tr>
<th>Size (XY) in mm</th>
<th>dpi</th>
</tr>
</thead>
<tbody>
<tr>
<td>min. 233 x 175</td>
<td>715</td>
</tr>
<tr>
<td>332 x 204</td>
<td>600</td>
</tr>
<tr>
<td>400 x 313</td>
<td>500</td>
</tr>
<tr>
<td>400 x 377</td>
<td>400</td>
</tr>
<tr>
<td>max. 400 x 400</td>
<td>365</td>
</tr>
</tbody>
</table>

### Delivery

- Rapid Spectro Cube color measurement system as Flightcase or Heavy Duty variant
- Available in the variants S (Scanning), SP (Scanning and Profiling) and Pplus (can be extended to an RSC HD SP (including scanning function) at any time)
- ColorGATE Production server software for target generation and ICC profiling
- Value Pack 365 Software maintenance and support contract