SIGHTTEX Q

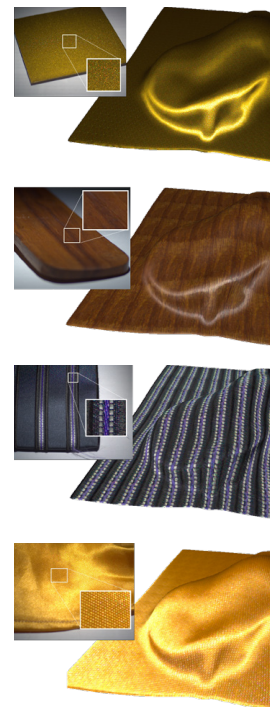## RAPID CAPTURE AND ANALYSIS OF MATERIAL APPEARANCE

- **Device** for capturing **digital reality**
- **Capture** appearance and visual nature of material quick and easy
- Intuitive flatbed scanner-like user interface
- Easily **share** captured files with your global team and customers
- Free and easy-to-use visualization software
- Interactive viewing and lighting with custom geometry
- Characterization of materials for quality control
- Side-by-side comparison of captured samples with masters
- **Create** stunning virtual representations of your materials
- **Speed-up** design and development of your products
- **Enrich** your digital media and global webinars

MEASUREMENT SPECIFICATIONS

Measurement area:	**up to 40 mm diameter, flatbed scanner-like method of measurement with engraved ruler for sampling of larger objects**
Sensors:	**5 industrial high-resolution RGB cameras fixed at in-plane polar angles 15°, 30°, 45°, 60°, 75° / arbitrary azimuthal angle 0-360°**
Illumination:	**28 LED point lights fixed at in-plane polar angles between 0° and 81° in 3° steps / arbitrary azimuthal angle 0-360°, independent on azimuth of sensors**
Optical resolution:	**up to 1500 DPI (17 µm per pixel)**
Out-of-plane azimuth positioning repeatability:	**0.1°**
Joint measurement and data processing time:	**variable, 5 – 40 minutes (depends on selected captured geometries)**

TECHNICAL SPECIFICATIONS

Dimensions (W x D x H) / Weight:	**72 cm x 72 cm x 77 cm / 65 kg**
Shipping Dimensions (W x D x H) / Weight:	**77 cm x 77 cm x 100 cm / 99 kg (durable mobile box on wheels included)**
Data interface:	**Gigabit Ethernet**
Electrical Requirements:	**110-240 VAC / 50-60 Hz grounded (internal voltage 24 VDC, adapter included)**
EMC and RoHS Compliances:	**EN 61326-1, 2014/35/EU, 2014/30/EU, 2015/863/EU**
Operating temperature range:	**15 °C to 32 °C**
Humidity:	**15% to 80% relative, non-condensing**
Storage temperature range:	**-20 °C to 65 °C**

SOFTWARE

SIGHTTEX Studio Pro	**data viewer with export functions + scanning and analytical modules, 1 licence with 5 year support and free updates**
SIGHTTEX Studio Free	**data viewer, unlimited licenses for anyone**

All specifications are subject to change without notice.