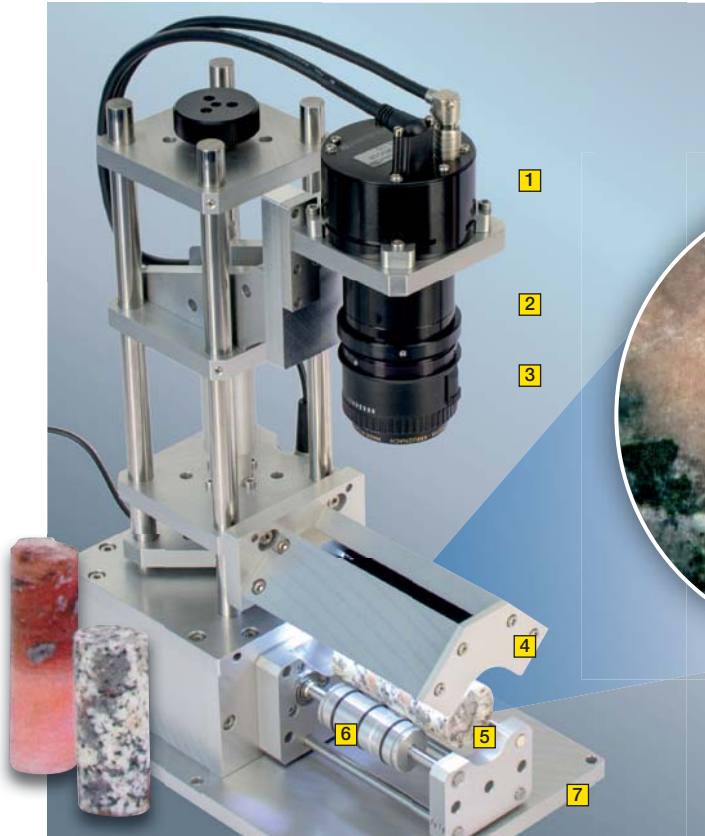


Specialized application: Plug Scanner SK-2096-USB3-Color for automated bore plug inspection

Color line scan camera SK6288U3KOC, 3x 2096 pixel (RGB)

- For object length 50–75 mm
- Optical resolution 1050–700 dpi
- Object diameter of 25–50 mm

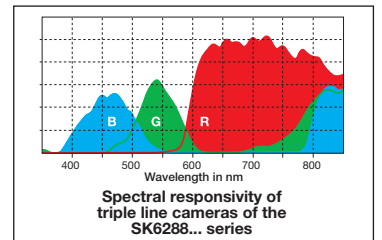
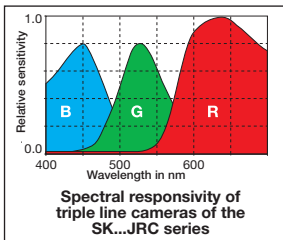


The bore plug scanner SK-2096-USB3-Color is a fully mobile surface-scanning microscope that was specially developed by Schäfter+Kirchhoff for the investigation of smooth cylindrical objects, such as bore plugs.

Features:

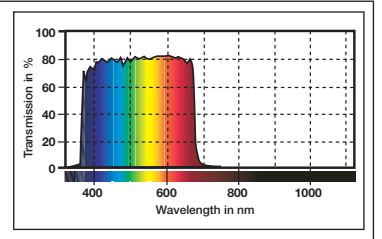
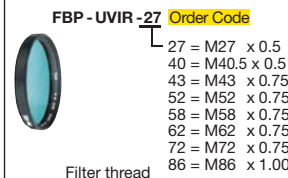
- Rapid and precise exchange of test objects by using two rotating supports
- Simple adjustment of focus for objects with different diameters
- **NEW** The new USB 3.0 interface enables the scanner to be transported and used almost anywhere
- A surface scan by simply pressing a switch or clicking a mouse button
- Automatic white balance
- One-click zooming for 1:1 depictions
- Printing and saving of complete or zoomed sections

Color line scan cameras - spectral responsivity



UV-IR filter type 486

The UV-IR filter blocks unwanted UV and IR radiation, leading to a contrast increase



- | | |
|--|---|
| 1 Color line scan camera SK6288U3KOC with USB3.0-interface | 6 Driven rotator |
| 2 Macro lens | 7 Stand and housing for motor and electronics |
| 3 Lens protective casing | 8 Generated surface of bore plug |
| 4 Illumination (2 linear white LEDs) | 9 Zoom detail of bore plug surface |
| 5 Bore plug object Ø1.5", length 3" | |

Color line scan cameras: connectors and dimensions

Interface	Connectors page 38 and ...	Dimensions pages 58–60 and ...
GigE	18	18
USB 3.0	21	23
CameraLink	25	24
Analog	28	28

Farzellen-ZK.indd • Page 35