

Colors appear differently under different lighting conditions. Use of a light booth to simulate different lighting conditions helps to obtain objective color assessment, improves communication and reduces product rejections.

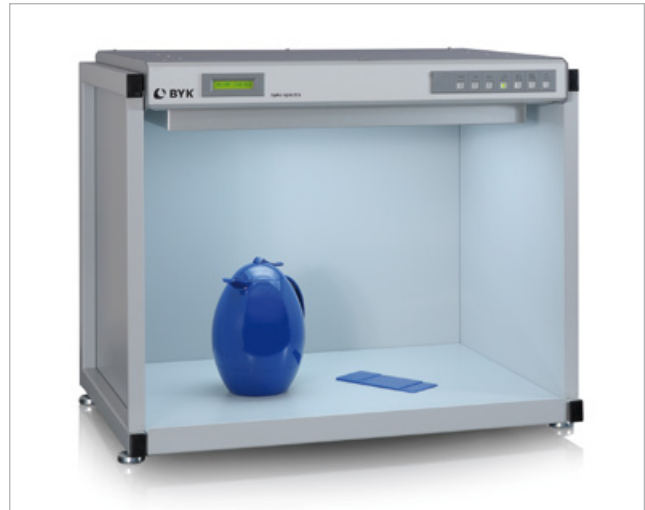
BYK-Gardner offers a complete line of light booths which allow you to see what your product will look like – independent of location and environmental influences.

byko-spectra

For critical color evaluation the byko-spectra light booth offers every option and feature that is needed to evaluate and communicate color with absolute confidence.

- Comparison of standard and sample in a color-neutral environment
- Five different controlled light sources:

| | |
|------------------------|--------------|
| Daylight | D65 |
| Incandescent light | A |
| Department store light | CWF and TL84 |
| Ultra-violet light | UV |
- Viewing under ultraviolet light to detect and evaluate optical brighteners or fluorescent pigments
- No warm-up time or flickering which ensures quick and reliable color judgement
- Automatic light source sequencing to standardize testing procedures
- ColorGuard II timing center tracks light source usage and indicates when to replace the lamps
- Diffusing panel to eliminate direct reflection
- Comfortable testing of large samples in a compact design – for laboratory and production



Standards

| | |
|-------------|---------------------------|
| ASTM | D 1729 |
| ISO | 3668 (accessory required) |

Certified Please refer to section Preventive Maintenance

Ordering Information

| Cat. No. | Description |
|-------------|--------------------|
| 6047 | byko-spectra 230 V |
| 6046 | byko-spectra 115 V |

Comes complete with:
 byko-spectra light booth
 5 light sources: D65, A, CWF, TL84, UV
 Certificate
 Operating instructions

Technical Specifications

| Voltage | D65 | A | CWF | TL84 | UV |
|---------------------|---------------------------------------|---|-----|------|----|
| 230 V, 50/60 Hz | X | X | X | X | X |
| 115 V, 50/60 Hz | X | X | X | X | X |
| Dimensions | 65 x 76 x 55 cm (25.5 x 30 x 21.5 in) | | | | |
| Viewing Area | 48 x 71 x 51 cm (19 x 28 x 20 in) | | | | |
| Weight | 32 kg (70 lbs) | | | | |

Ordering Information

| Cat. No. | Description |
|-------------|-----------------------------------|
| 6048 | Lamp Kit, certified for 6046/6047 |
| 6065 | Lamp Kit for 6046/6047 |
| 6057 | ISO Panel Set for 6046/6047 |

Accessories

| Voltage | D65 | A | CWF | TL84 | UV |
|-------------|-----|---|-----|------|----|
| 230 / 115 V | X | X | X | X | X |
| 230 / 115 V | X | X | X | X | X |

Note: We recommend to replace the lamps every 2500 hours.