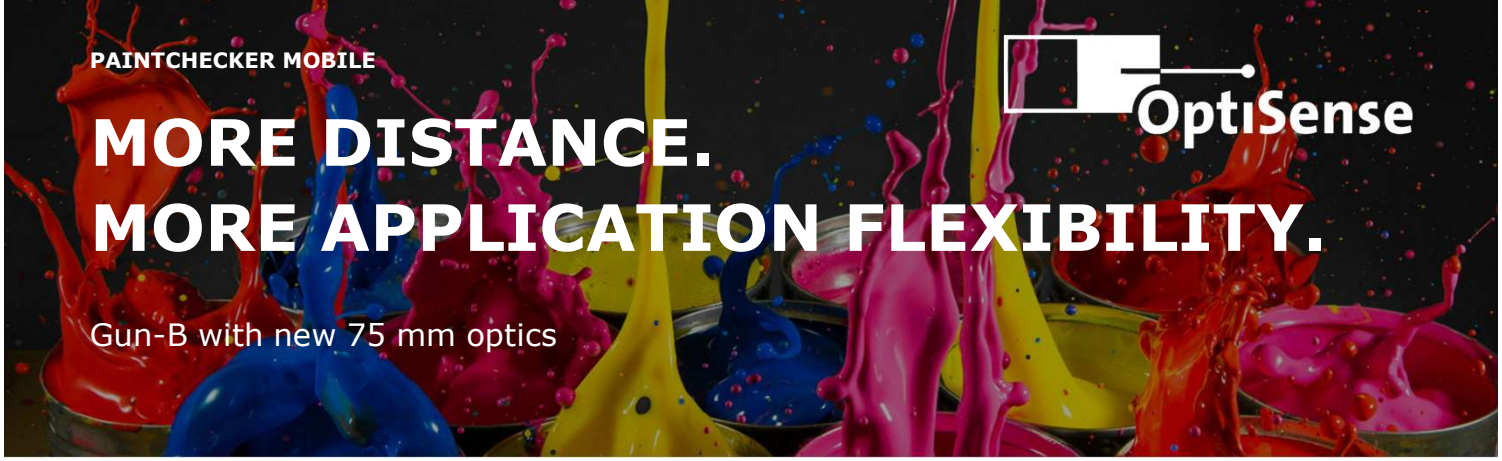


PAINTCHECKER MOBILE

# MORE DISTANCE. MORE APPLICATION FLEXIBILITY.

Gun-B with new 75 mm optics

## More clearance for mobile checks

The familiar Gun-B platform now offers a 75 mm working distance - designed for easier handling around sensitive, fresh or hot coatings.

- Inspect uncured powder before the oven
- Maintain stand-off without disturbing soft powder
- See and align the measurement spot more easily
- Correct deviations while adjustment is still possible

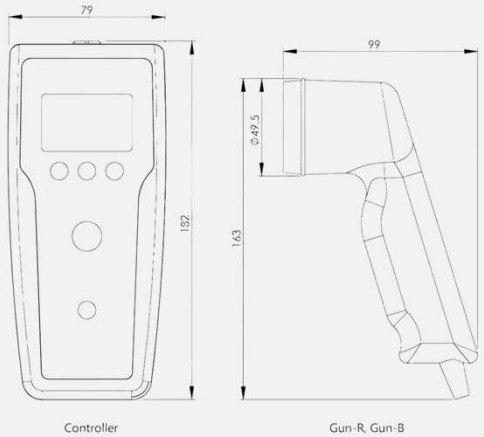


**75 MM OPTICS**

### More distance. More tolerance.

| 75 mm | ± 10 mm | ± 20° | Ø 5 mm |
|---|---|---|---|
| working distance | distance tolerance | angle tolerance | measurement spot |

## Small and handy




## Package Contents

- Sensor with connecting cable
- Controller unit, including carrying strap
- Li-ion battery pack, including spare battery pack
- 4-port charger
- USB power adapter
- Gray glass reference
- USB data cable
- USB flash drive with user manual
- OS-Manager software, etc.
- Sturdy hard-shell case



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# 33 MM VS. 75 MM

Choose the optics by geometry, access and process.

| TECHNICAL COMPARISON | 33 mm | 75 mm |
|---|---|---|
| Working distance | 33 mm | 75 mm |
| Distance tolerance | ± 3 mm | ± 10 mm |
| Angle tolerance | ± 15 Grd | ± 20 Grd |
| Measurement spot diameter | 2 mm | 5 mm |
| Max. pulse energy (1 s) | 250 mJ | 750 mJ |
| Best fit | Edges, recesses, tight radii | Open surfaces and added stand-off |

### USE 33 MM FOR

- Edges, recesses and tight radii
- Confined access where clearance is limited

### USE 75 MM FOR

- Open, accessible surfaces
- Fresh, soft, powdery or hot coatings

## Gun-B 75 mm technical data

LED sensor | pistol format

| MEASUREMENT AND OPTICS | |
|---|---|
| Measurement range | 1-1000 µm |
| Measurement rate | max. 0.5 Hz |
| Measurement time | 250-2000 ms |
| Resolution | 1% typical |
| Accuracy | 3% typical |
| Working distance | 75 mm |
| Distance tolerance | ± 10 mm |
| Angle tolerance | ± 20° |
| Measurement spot diameter | 5 mm |
| Max. pulse energy at 1 s | 750 mJ |
| Wavelength | 365 nm |
| Diffuser | none |
| Operating mode | pulsed |
| Duty cycle | 33% |

| DEVICE AND ENVIRONMENT | |
|---|---|
| Maximum on-time | 1 s |
| Maximum acceleration | 5 g |
| Safety classification | risk group 3 |
| Eye-safe | yes |
| Dimensions (L x W x H) | 163 × 99 × 49.5 mm |
| Weight | 225 g |
| Protection rating | IP 50 |
| Temperature | 0-40 °C |
| Relative humidity | 5-90%, non-condensing |
| Altitude | below 2,000 m |
| Pollution degree | 2 |
| Standard | DIN EN 15042-2 |
| Controller | mobile-B / C26 |

### ORDERING INFORMATION

| OPTICS | COMPLETE MOBILE CASE | GUN SENSOR \| SENSOR ONLY |
|---|---|---|
| 75 mm (LED-B 7.5) | C26-0000-03 | S26-0600-02 |
| 33 mm (LED-B 3.3) | C26-0000-01 | S26-0600-01 |

Compatible with controllers from C24 onward. New Gun-B systems are supplied exclusively with C26, including USB-C.
Technical data and confirmed order numbers supplied by OptiSense.

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