PaintChecker Industrial
Cube LED-R 3.3 | Cube LED-B 3.3

OptiSense

Our LED sensors **PaintChecker Industrial Cube** have a larger measurement field than laser versions and are particularly suitable for rough and grainy surfaces of powders and pastes.
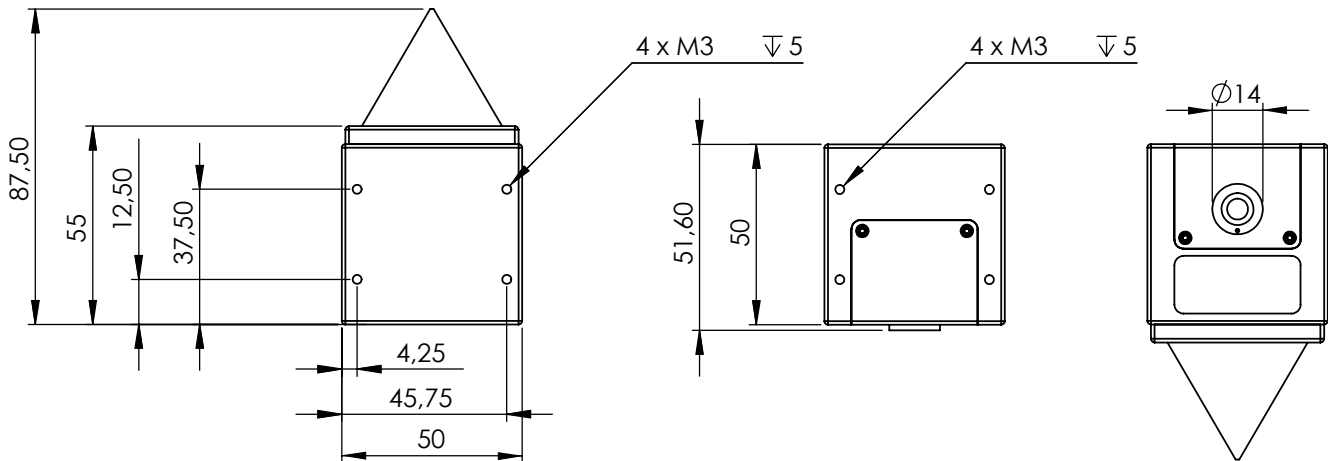
Of course, coatings on non-metallic surfaces can be measured as well. The compact sensors in the cube-shaped housing offer particularly flexible mounting thanks to the selectable orientation of the cable connector. At the same time, the large contact area ensures optimal heat dissipation.

Depending on the coating material, you can select between infrared and UV excitation models.

Technical Data	PaintChecker Industrial Cube					
Model	**Cube LED-R 3.3**	**Cube LED-B 3.3**	**Model**	**Cube LED-R 3.3**	**Cube LED-B 3.3**
Order number	S24-0600-005	S24-0600-006	Order number	S24-0700-015	S24-0700-016
Design	LED, Cube		Distance tolerance	± 3 mm	
Measurement range	1 - 1000 µm		Angular tolerance	± 45°	
Measurement rate	max. 2.5 Hz		Max. acceleration	5 g	
Measurement time	125 - 1000 ms		Size measuring field Ø	1 mm	
Diffusor	—		Max. pulse energy	1700 mJ	250 mJ
Duty Cycle	33 %		Wavelength	980 nm	360 nm
Max. On-time	1s		Classification	Risk 1	Risk 3
Operating mode	pulsed operation		Eye safety	yes	
Resolution	1 % of reading		Dimensions (L x W x H)	50 x 51.6 x 55 mm	
Accuracy	3 % of reading		Weight	280 g	
Measuring distance lens	33 mm		IP Code	IP 50	

Dimensional Drawing | **PaintChecker Industrial Cube LEDR3.3 | Cube LEDB3.3**

Delivery Contents & Accessories

Delivery Contents

• Sensor

Accessories

• Cable with angle plug
• Calibration certificate
• Sensor holder on request