

TMC - C40 chromatic sensor

The chromatic sensor system is a further and also important option of the non-contact wall thickness measurement system TMC for container glass which is in use worldwide very successfully. It works on the principle of chromatic aberration and is recommended for use at extremely oval and rectangular containers. It completes the existing range of sensor types and increases considerably the measurability of complex containers. The use of the new chromatic sensor system in TMC is remarkably easy: It is operated in a free channel of the TMC electronic rack like the other approved sensor systems.



Technical data:

- measuring distance: 40 mm +/- 7mm
- inclination, max.: +/- 20°
- measuring frequency: up to 2000 measurements/second
- sensor dimensions: 67 mm * 240 mm (diameter * length)
- measuring principle: confocal, chromatic system
- light source: LED

