

Calibration Certificate

For Opticline Systems

Certificate Number - **MDS-07334-B9L7**

Stourbridge Turning & Grinding
Rufford Road

Stourbridge
DY9 7NE

This The Sempre Group Calibration Certificate documents the function of components in the Opticline system using the calibrated values of a reference standard. Any new or repaired components were set and checked prior to the issue of this certificate. Measurement conditions under which the certificate was issued conform to the pertinent ISO regulations. The standards utilised are subject to gauge management criteria. The user is responsible for keeping an appropriate recalibration schedule; we recommend twelve-monthly checks.

EQUIPMENT

Measurement Uncertainty $D=2+D/100$ $L=5+L/100$ (Result in μ)

Instrument Type	Hommel Opticline	Automatic Profile Measuring instrument
Serial Number	10200013	
Software Version	3.71.22.0	

STANDARD

Standard Type	Calibration Number	Calibration Date of Standard
MET132_L108(1)	Ø2-12 /L108-015028-312-51- 56655-D-K-15151-01-00-2023-03	17 March 2023
MET134_L165(1)	Ø8-140/L165 10021530/41191- D-K-15151-01-00-2021-04	16th April 2021
MET133_L211(1)	Ø8-140/L211 10021525/014 - 56656- D-K-15151-01-00-2023-	17 March 2023

Standard calibrated at DKD Accredited Calibration Laboratory. The uncertainty of the laboratory is (eumetron GmbH) - $U = 0.3 \mu\text{m} + 0.6 \cdot 10^{-6} \cdot D$; D is the diameter - $U = 0,40 \mu\text{m} + 0,60 \cdot 10^{-6} \cdot L$; L is the Length

MEASURING REPORTS

Max Diameter Error	0.000220	At	38MM	Pass/Fail	Pass
Max Length Error	0.000584	At	130MM	Pass/Fail	Pass

Inspected by Lee Roberts
Date 02/05/2024

Approved by Lee Roberts
Date 02/05/2024

