



# CERTIFICATE OF ACCREDITATION

## The ANSI National Accreditation Board

Hereby attests that

**Optical Gaging (S) Pte Ltd**  
21 Tannery Road  
Singapore 347733

Fulfills the requirements of

**ISO/IEC 17025:2017**

In the field of

**CALIBRATION**

This certificate is valid only when accompanied by a current scope of accreditation document.  
The current scope of accreditation can be verified at [www.anab.org](http://www.anab.org).

A handwritten signature in black ink, appearing to be 'Jason Stine', is positioned above a horizontal line.

Jason Stine, Vice President

Expiry Date: 01 June 2025

Certificate Number: AC-3211



This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017.  
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory  
quality management system (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).

## SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

### Optical Gaging (S) Pte Ltd

21 Tannery Road  
 Singapore 347733  
 general@smartscope.com.sg  
 +65 6741 8880

### CALIBRATION

Valid to: **June 1, 2025**

Certificate Number: **AC-3211**

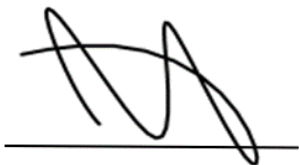
#### Length – Dimensional Metrology

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
Profile Projector/Optical Comparators/Contour Projectors <sup>1</sup>	Up to 18 in (457.2 mm)	63 µin 1.6 µm	Equipment: Reticle/linescale/Square
	(18 to 48) in (457.2 to 1 219.2 mm)	118 µin 3 µm	Calibration procedure: OGS-CAL-005
Toolmaker's Microscopes <sup>1</sup>	Up to 12 in (304.8 mm)	201 µin 5.1 µm	Equipment: Reticle/linescale  Calibration procedure: OGS-CAL-004
Vision Measuring Machine <sup>1</sup>	Up to 18 in (457.2mm)	59 µin 1.5 µm	Equipment: Reticle/linescale/stairstep gage
	(18 to 48) in (457.2 to 1 219.2 mm)	67 µin 1.7 µm	Calibration procedures: OGS-CAL-001 OGS-CAL-002 OGS-CAL-003

Calibration and Measurement Capability (CMC) is expressed in terms of the measurement parameter, measurement range, expanded uncertainty of measurement and reference standard, method, and/or equipment. The expanded uncertainty of measurement is expressed as the standard uncertainty of the measurement multiplied by a coverage factor of 2 ( $k=2$ ), corresponding to a confidence level of approximately 95%.

Notes:

1. On-site calibration service is available for this parameter, since on-site conditions are typically more variable than those in the laboratory, larger measurement uncertainties are expected on-site than what is reported on the accredited scope.
2. This scope is formatted as part of a single document including Certificate of Accreditation No. AC-3211.



Jason Stine, Vice President