

CERTIFICATE OF CALIBRATION

Issued by

TESTO LIMITED

DATE OF ISSUE 12 March 2020

CERTIFICATE NUMBER Test123



0805

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Testo Limited
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Approved Signatory

Name xxx

Signature

Customer name	Testo Limited Newman Lane Alton GU34 2QJ
Order number	None
Customer reference	Unmarked
Description	Testo 549i
Serial number	123456789
Condition	Satisfactory
Date of calibration	12 March 2020
Date received	12 March 2020

Prior to calibration, the unit under test was exercised to its full scale and then returned to zero. Its digital indicator was then set to zero. Pressure was then applied in both a rising and falling direction with each test point held stable for a minimum of 30 seconds before readings were recorded.

The instrument was calibrated in a vertical position with the port facing down. The pressure medium used during the calibration was nitrogen.

The ambient conditions in the laboratory at the time of testing were 20 °C, and less than 90% relative humidity.

Calibration performed by:

xxx

This certificate is issued in accordance with the laboratory accreditation requirements of the United Kingdom Accreditation Service. It provides traceability of measurement to the SI system of units and/or to units of measurement realised at the National Physical Laboratory or other recognised national metrology institutes. This certificate may not be reproduced other than in full, except with the prior written approval of the issuing laboratory.

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UKAS Accredited Calibration Laboratory number 0805

Applied Pressure Bar	As found results		Error
	Indicated Pressure Bar		
0.00	0.0	0.00	
-0.95	-1.0	-0.05	
0.00	0.0	0.00	
12.00	12.0	0.00	
24.00	24.0	0.00	
36.00	36.0	0.00	
48.00	48.0	0.00	
60.00	60.0	0.00	
48.00	48.0	0.00	
36.00	36.0	0.00	
24.00	24.0	0.00	
12.00	12.0	0.00	
0.00	0.0	0.00	

The uncertainty of the measurements were $\pm 0.19 \% + 8 \text{ Pa}$

Results above are only applicable to the instrument tested.

An additional uncertainty of $\pm 0.1 \text{ Bar}$ is also applicable for the resolution of the digital display.

The uncertainties refer to the measurement and are not intended to indicate the specification or repeatability of the instrument.

The reported expanded uncertainty is based on a standard uncertainty multiplied by a coverage factor $k = 2$, providing a level of confidence of approximately 95%. The uncertainty evaluation has been carried out in accordance with UKAS requirements.

End of report.
