



Digital Probe Thermometer

Features

- Practical pocket-sized probe thermometer
- Ideal for the control of food temperature
- Fast and accurate, versatile
- Hold, max, min function, washable (IP65)
- Compliant with HACCP + EN13485
- Auto switching-off function after 5 minutes
- Probe length of 75mm



Model	SI-682
Measuring Range	-40°C to 200°C (-40 to 392°F)
Operating Temperature	-20°C to 50°C (-4 to 122°F)
Accuracy	±0.8°C/1.8°F (from 0...+100°C/32...212°F, ±1°C/1.8°F from -20...0°C/-4...+32°F, otherwise ±1,5°C/2.7°F)
Resolution	0.1°C / 0.1°F
Selectable	°C / °F Switch
Power Consumption	LR 44 button cell
Dimension	20mm x 16mm x 152 mm
Weight	Approx. 13g

Calibration points for SI-682 is set at **-20°C, 0°C and 20°C**.

Kindly specify your **Company Name and Address** to be printed on the Calibration Report when placing order. Alternatively, you may email to marketing@senzeinstruments.com

CALIBRATION REPORT



Report No. : C220001
Date of Issue : 07 Feb 2022
Page : 1 of 1

Customer : Senze Instruments Pte Ltd
Blk 28F Penjuru Close
#01-05
Singapore 609134

Ambient Conditions
Temperature : $(22 \pm 2) ^\circ\text{C}$
Relative Humidity : $(55 \pm 10) \%$ relative humidity

Descriptions

Instrument : Digital Probe Thermometer
Brand : TFA
Model : SI-682
Serial No. : C682001
Tag No. : -
Immersion : Approx. 110mm
Calibration Points : $(-20, 0, 20) ^\circ\text{C}$
Date of Calibration : 07 Feb 2022

Method of Calibration

The unit under test has been calibrated at UniCal Pte Ltd under the ambient conditions stated above according to in-house and on-site calibration procedure UTCP-003. The results of calibration reports are traceable to the unit of measurement through LK-160-IDN and National Metrology Centre Singapore. The calibration was performed in terms of ITS-90 (International Temperature Scale 1990).

Reference Standards

Digital Thermometer, S/N: 609134 Platinum Resistance Thermometer, S/N: 1620571

Results of Calibration

The results of this calibration are shown in the table. The expanded uncertainty of measurement associated with the indicated value estimated is at a level of confidence of approximately 95% with a coverage factor $k=2$. The user should determine the suitability of the instrument for its intended use.

As Found Data

Reference Temperature, A ($^\circ\text{C}$)	Unit Under Test, B ($^\circ\text{C}$)	Correction (A-B) ($^\circ\text{C}$)	Expanded Uncertainty ($^\circ\text{C}$)
-20.0	-19.8	-0.2	0.1
0.0	0.4	-0.4	0.1
20.0	20.4	-0.4	0.1



Hero Allan Andral
Approved Signatory

UniCal Pte Ltd

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This issued report is subjected to the terms and conditions stated.