

Requested By

PT. Sentral Tehnologi Managemen
MT. Haryono Square OF03A/02, JL. MT. Haryono Kav. 10
Jatinegara Jakarta Timur

Page 1 of 2

Job Order No : 220397

Ambient tem. : $(22 \pm 3)^{\circ}\text{C}$ Relative Humidity : $(55 \pm 10)\% \text{ rh}$ **Descriptions**

Instrument : Digital Pressure Gauge
Brand : Additel
Model : ADT681-05-DP2-BAR
Serial No. : 211H178D0013
Calibration Range : -25 mbar to 25 mbar
Medium Used : Air
Date Calibrated : 17 May 2022

Method of Calibration

The describe instrument has been calibrated at PT. Certus Metrology Indonesia laboratory under the ambient conditions stated above according to in-house calibration procedure SPCP-002. The results of calibration reported traceable to SI units of measurement through recognized National/International Metrology Institute and/or accredited calibration laboratory.

Reference Standard(s)

1. Automatic Handheld pressure calibrator (DP) Serial No: 81017090006, 005171A0013

Results of Calibration

The results of the calibration are shown in the table next page(s). The expanded uncertainty of measurement associated with the indicated estimated at approximately 95% confidence level with a coverage factor of $k=2$. The user should determine the suitability of the instrument for its intended used.

Calibrated By



Tjhang Hendri

Approval Signatory



Results of Calibration
Negative Pressure

Actual Pressure mbar	Unit Under Test (UUT) Indicated Pressure / mbar				Uncertainty mbar
	Increasing	Correction	Decreasing	Correction	
0.000	0.000	0.000	-0.001	0.001	0.005
-2.500	-2.507	0.007	-2.509	0.009	
-5.000	-5.014	0.014	-5.016	0.016	
-10.000	-10.027	0.027	-10.029	0.029	
-15.000	-15.040	0.040	-15.041	0.041	
-20.000	-20.052	0.052	-20.053	0.053	
-25.000	-25.066	0.066	-25.066	0.066	

The accuracy of the UUT was found to be within ± 0.26 % of the maximum scale value 25 mbar

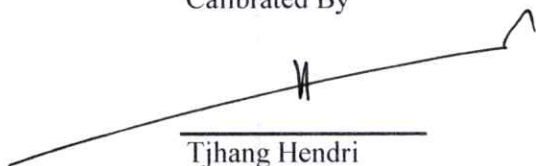
Positive Pressure

Actual Pressure mbar	Unit Under Test (UUT) Indicated Pressure / mbar				Uncertainty mbar
	Increasing	Correction	Decreasing	Correction	
0.000	0.000	0.000	0.000	0.000	0.005
2.500	2.507	-0.007	2.508	-0.008	
5.000	5.014	-0.014	5.015	-0.015	
10.000	10.027	-0.027	10.028	-0.028	
15.000	15.039	-0.039	15.040	-0.040	
20.000	20.052	-0.052	20.052	-0.052	
25.000	25.066	-0.066	25.066	-0.066	

The accuracy of the UUT was found to be within ± 0.26 % of the maximum scale value 25 mbar

"The results reported herein have been performed in accordance with the laboratory's terms of accreditation under the Komite Akreditasi Nasional – LK-160-IDN".

Calibrated By



Tjhang Hendri
Approval Signatory



PT. Certus Metrology Indonesia

Komplek ITC Duta Mas Fatmawati Blok D2 no. 8, Jl. RS Fatmawati No. 39, Jakarta Selatan - Indonesia
Tel: (62) 21 7396965, 7396967 • Fax: (62) 21 7246634 • www.certus-met.com

This certificate may not be reproduced other than in full except with prior written approval of Certus Metrology Indonesia