

**ARG100 Tipping Bucket Raingauge/Pluviomètre à augers basculeurs ARG100**

The serial number and calibration factor for this gauge are as follows  
(the serial number is also affixed to the gauge base and beneath the funnel):

Le numéro de série et le facteur de calibration de ce pluviomètre sont les suivants  
(le numéro de série est aussi indiqué sur la partie inférieure du pluviomètre ainsi  
que sous l'entonnoir) :

Serial No/N° de série: 094606

Calibration Factor/  
Facteur de calibration : (203) mm/tip

Date: 16<sup>th</sup> NOVEMBER 2009

Company Registration Number: 1933935  
VAT No. GB 428 4539 33

# setra

## Calibration Certificate

Technician: so *So*  
Part No: 2781600MA1B2YT1  
Model: 278

Serial No: 4077392  
Work Order: 5933509  
Date: 10/16/2009

Range: 610 to 1100 HPA/MB  
Nom. Output: 0.05 to 2.5 VDC  
Supply: 24vdc

### CALIBRATION DATA

APPLIED PRESSURE (hPa)	TRANSDUCER OUTPUT (VDC)	PRESSURE CONVERSION (hPa)	ERROR (hPa)	EQUIPMENT UNCERTAINTY (hPa)
610.00	0.0496	609.93	-0.07	+/- 0.10
725.00	0.6259	725.17	0.17	+/- 0.10
850.00	1.2512	850.23	0.23	+/- 0.10
975.00	1.8757	975.14	0.14	+/- 0.10
1100.00	2.5008	1100.16	0.16	+/- 0.10

### AMBIENT CONDITIONS:

Humidity: 23.6 %RH  
Pressure: 1002.8 hPa

Temperature: 25.0 degree C

### SPECIFICATIONS:

Accuracy Specification: +/- 0.5 hPa @ +20 degree C (+68 degree F).

### NOTES:

1. This calibration was performed in compliance with ANSI/NCSL Z540-1-1994.
2. All errors are expressed in hPa.
3. Consult specification sheet for additional information.
4. This calibration is certified per N.I.S.T. traceable primary standards.  
Reference standard: DHI Model PPC3-2M A1.4MS/A100KP SN 237.  
Reference standard cal. due date: 11/4/08 - 11/4/09.
5. This certificate may not be reproduced, except in full, without written approval from Setra Systems.
6. This calibration was performed using procedure P2781X.

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