

## Certificate of calibration

No.: 27009-35-24-0091

### Master Meter:

Type: Critical nozzles 1;5;10;20; 50;100;200;500;1000; 2000; 5000; 10000; 15000 l/h  
nominal flow rate  
Certified by: PTB Braunschweig, national institute of metrology  
Certificate No.: 18489/16 PTB, 18488/16 PTB, 18487/16 PTB, 18486/16 PTB, 18485/16 PTB, 18484/16  
PTB, 18483/16 PTB, 18482/16 PTB, 18481/16 PTB, 18480/16 PTB, 18479/16  
PTB, 18478/16 PTB, 18477/16 PTB,

### Calibration Conditions:

Test sample: Measuring Range 20-1.200 [ltr/h]  
Type: TG10/4-500 mbar  
Model: Casing of Refined Stainless Steel, Measuring Drum of Polyvinylide  
Flouride  
Measurement range: 20 - 1.200 [L/h]  
Pressure (max.): 500 mbar  
Pressure test: 750 mbar  
Packing Liquid: Water  
Serial-No.: 1.544.6HI  
Date: 05/13/2024  
Calibration gas: Air  
Conditions: Temperature room: 22,8 [°C]  
Humidity test air: 12,7 [%]  
Pressure atmospheric: 995,3 [mbar]  
Location of gas pressure  
measurement: Gas Meter inlet  
Location of temperature  
measurement: within Gas Meter casing  
Pulse Generator: V4.11 500 pulses

## Certificate of calibration

No.: 27009-35-24-0091

### Calibration-Result:

#### Scale value of high precision level indicator (HPLI) -1

Flow Rate [ltr/h]	Pressure Loss [mbar]	Measurement Error (*) [%]	Calibration volume [ltr]
4	0.18	+0.11	10
250	0.18	+0.1	30
460	0.23	-0.14	850
1100	0.34	-0.21	1840
1300	0.34	-0.19	100

(\*)percental error of Meter reading

Remark: The measurements have been executed using standards traceable to the national standard at the "PTB"

*J. Mortimer*

Bochum, 2024-Mai-28 :