



OIML Member State

The Netherlands



OIML Certificate

Number R61/2017-B-NL1-20.02 Project number 2228215 Page 1 of 3

Issuing authority NMi Certin B.V.

Person responsible: M. Boudewijns



Applicant and Manufacturer

Premier Tech 1, Avenue Premier Rivière-du-Loup (Québec)

Canada G5R 6C1

Identification of the

An Automatic gravimetric filling instrument

certified type

PTF-XXXX (X= 0 ... 9) Type

Characteristics See next page

This OIML Certificate is issued under scheme B.

This Certificate attests the conformity of the above identified Type (represented by the sample(s) identified in the OIML Test Report) with the requirements of the following Recommendation of the International Organization of Legal Metrology (OIML):

OIML R 61 - Edition 2017 (E) for accuracy class Ref (0,2)

This Certificate relates only to the metrological and technical characteristics of the type of measuring instrument covered by the relevant OIML International Recommendation above-identified. This Certificate does not bestow any form of legal international approval.

Important note: Apart from the mention of the Certificate's reference number and the name of the OIML Member State in which the Certificate was issued, partial quotation of the Certificate and of the associated OIML Test Report(s) is not permitted, although either may be reproduced in full.



Issuing Authority

NMi Certin B.V., OIML Issuing Authority NL1 31 March 2020



Certification Board

This document is issued under the provision that no liability is accepted and that the applicant shall indemnify third-party liability.

signed and sealed. The digital signature can be verified in the blue ribbon at the top of the electronic version of this certificate.





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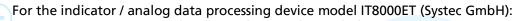
OIML Certificate

OIML Member StateThe Netherlands



Number R61/2017-B-NL1-20.02 Project number 2228215 Page 2 of 3

The conformity was established by the results of tests and examinations provided in the associated OIML Reports:



- No. NMi-13200671-01 dated 24 July 2014 that includes 57 pages;
- No. NMi-13200671-05 dated 24 July 2014 that includes 11 pages;
- No. NMi-15200613-01 dated 21 December 2015 that includes 24 pages;
- No. NMi-2267348-01 dated 22 October 2019 that includes 11 pages.

For the primary display / terminal / secondary display:

- No. NMi-1900207-01 dated 2 June 2017 that includes 20 pages;
- No. NMi-1900207-02 dated 31 May 2017 that includes 9 pages;
- No. NMi-2249932-01 dated 21 December 2018 that includes 14 pages.

For the load cell model Z6 (Hottinger Baldwin Messtechnik GmbH):

- No. R60/2000-NL1-06.07A dated 09 June 2006 that includes 38 pages;
- No. R60/2000-NL1-06.07B dated 09 June 2006 that includes 16 pages;
- No. NMi-13200686-01 dated 12 March 2014 that includes 26 pages.

For the load cell model PW22 (Hottinger Baldwin Messtechnik GmbH):

- No. NMi-16200809-01 dated 31 January 2017 that includes 51 pages;
- No. NMi-16200809-02 dated 31 January 2017 that includes 46 pages.

For the automatic gravimetric filling instrument:

No. NMi-2228215-01 dated 31 March 2020 that includes 30 pages.

Characteristics of the automatic gravimetric filling instrument

Method of operation		filling by one weighing cycle			
Reference accuracy class		Ref (0,2) the operational accuracy class X(x) is determined at the time of putting into use			
Electromagnetic environment class		E2			
Climatic environment	temperature range	-10 °C / +40 °C			
		Indicator	Mechanical assembly		
	humidity	non-condensing	condensing		
	intended location	closed	open and closed		
Maximum capacity main station		Max _m depends on the load cells used			
Maximum capacity top-up station		Max _{to} depending on the load cells used			
Minimum capacity main station		Min _m See tables below			
Minimum capacity top- up station		Min _{to} : See tables below			
Rated minimum fill		$Minfill \ge Min_m + Min_{to}$			
Maximum fill		Maxfill ≤ Max _m + Max _{to}			
Number of load receptors		2			





OIML Certificate

OIML Member State The Netherlands



Number R61/2017-B-NL1-20.02 Project number 2228215 Page 3 of 3

Minimum capacity (Min) for stations with automatic zero-setting or automatic tare-setting with a maximum time interval of 15 minutes:

Average number of loads per fill:	1				
Accuracy class:	X(0,2)	X(0,5)	X(1)	X(2)	
d [g]	Min[g]				
0,5	178,0	35,5	18,0	9,0	
1	1067	142	36	18	
2	2134	426	142	36	
5	5335	2135	1065	180	
10	16000	4270	2130	1070	
20	32000	8540	4260	2140	
50	80000	32000	16000	5350	
≥100	1600 d	640 d	320 d	160 d	

Minimum capacity (Min) for stations with automatic zero-setting or automatic tare-setting as part of every weighing cycle:

every weighting eyerer						
Average number of loads			1			
per fill:	<u>'</u>					
Accuracy class:	X(0,2)	X(0,5)	X(1)	X(2)		
d [g]	Min[g]					
0,5	28,0	11,0	5,5	3,0		
1	111	22	11	6		
2	334	44	22	12		
5	1665	335	110	30		
10	3330	1330	330	110		
20	6660	2660	1340	340		
50	25000	6650	3350	1650		
100	50000	20000	6700	3300		
200	100000	40000	20000	6600		
≥ 500	500 d	200 d	100 d	50 d		



