

Physikalisch-Technische Bundesanstalt

Braunschweig und Berlin

Member State of OIML
Germany



OIML Certificate No.
R61/1996-DE-01.01
Revision 1

OIML CERTIFICATE OF CONFORMITY

Issuing Authority

Name: Physikalisch-Technische Bundesanstalt
Address: Bundesallee 100
38116 Braunschweig
Person responsible: Dr. Dirk Ratschko

Applicant

Name: FLSmidth Ventomatic S.p.A.
Address: Via G. Marconi 20,
24030 Valbrembo (Bergamo)
Italy

Manufacturer of the certified type is the applicant.

Identification of the certified type

Automatic gravimetric filling instrument
Type: EWU-010
Accuracy class: **Ref (0.2)** the actual class shall be determined
at initial verification

Further characteristics see page 2

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

R61-1, edition 1996
for accuracy class Ref (0.2)

This Certificate relates only to the metrological and technical characteristics of the type of instrument covered by the relevant OIML Recommendation identified above.

This Certificate does not bestow any form of legal international approval.

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This Revision 1 was issued because the legal name of the owner is changed. The test results of the former Test Report No. 1.14 - 00053382 (65 pages) remain valid.

The legal name of the OIML Certificate owner
 Ventomatic S.p.A.
 is changed to
 FLSmidth Ventomatic S.p.A.

On instruments, which after the date of changing are performed with the above-mentioned OIML Certificate number, the required indicating is to change.

The Issuing Authority

Dr. D. Ratschko
 Head of Department

26.03.2012

The OIML Member

Dr. R. Schwartz
 Head of Division

26.03.2012

Identification of the pattern (continued):

The pattern designation EWU-010 may be supplemented by characters identifying the optional equipment.

Load cell(s)	certified according to OIML R 60 class C with $p_i \leq 0,7$ (with $n_{LC} \geq 2000$ for instruments class X(0.2) and Max > 10 kg) load cell impedance $\geq 117 \Omega$
Load receptor	various types with hopper or bridge for containers and with lever system or load transmission immediately from the load receptor into the load cells
Indicator	load cell supply 8 V input voltage $\geq 1,6 \mu V/d$ (or $\geq 1,6 \mu V/e$ if used for integral verification method) $n \leq 6000$
d (and e)	in accordance with the load cell(s) and the indicators minimum input voltage
Max	depending on the datas of the incorporated load cell(s)
Minfill	values according to Table 1
Tare bal. range	$\leq 100 \% \text{ Max}$
Temp. range	$-10^\circ\text{C} / +40^\circ\text{C}$

Table 1: Minimum permissible value of Minfill related to the scale interval (d) of the instrument

d (gramme)	minimum permissible value of Minfill (in gramme)			
	X(0.2)	X(0.5)	X(1)	X(2)
10	6 660	2 660	1 330	660
20	6 660	2 660	1 340	660
50	25 000	6 650	3 350	1 650
100	50 000	20 000	6 700	3 300
200	100 000	40 000	20 000	6 600
≥ 500	500 d	200 d	100 d	50 d

(The gramme-values are rounded to the d-values which can be indicated)

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