

# Physikalisch-Technische Bundesanstalt

Braunschweig und Berlin

Member State of OIML  
Germany



OIML Certificate N°  
**R61/1996-DE1-04.06**  
Revision 1

## OIML CERTIFICATE OF CONFORMITY

### Issuing Authority

Name: Physikalisch-Technische Bundesanstalt  
Address: Bundesallee 100, 38116 Braunschweig  
Person responsible: Dr. Roman Schwartz

### Applicant

Name: GREIF-VELOX Maschinenfabrik GmbH  
Address: Kronsfordter Landstr. 177, 23560 Lübeck  
Germany

Manufacturer of the certified type is the applicant.

### Identification of the certified type

Automatic Gravimetric Filling Instrument  
Type: **VELOTRONIK HS IV**

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.

# Physikalisch-Technische Bundesanstalt

OIML Certificate N°  
**R61/1996-DE1-04.06**  
**Revision 1**

This revision is issued because another display and operating unit has been added, see Report No. 1.12-4013779, Revision 1 (23 pages).

The former Test Report N° 1.12-4013779/1 (61 pages) remains valid without any changes.

## The Issuing Authority

Dr. R. Schwartz  
Direktor und Professor

09.02.2005

## The CIML Member

Prof. Dr. M. Kochsiek  
Vizepräsident

09.02.2005

Essential metrological characteristics:

$d \geq 1 \text{ g}$   
 $n \leq 6000$   
input voltage  $\geq 1,0 \mu\text{V/d}$   
load cell impedance  $\geq 35 \Omega$   
type of load cells: certified according to OIML R 60

Minimum permissible value of rated minimum fill (Minfill), depending on d and accuracy class

d (gramme)	lower limit of Minfill (in grammes)			
	X(0.2)	X(0.5)	X(1)	X(2)
1	2000	400	133	33
2	4000	1600	400	134
5	10000	4000	2000	500
10	30000	8000	4000	2000
20	60000	24000	8000	4000
50	150000	60000	30000	10000
100	300000	120000	60000	30000
200	600000	240000	120000	60000
$\geq 500$	1500000	600000	300000	150000

*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.