

# OIML CERTIFICATE OF CONFORMITY

Member State  
**SWEDEN**

OIML Certificate N°  
**R76/1992-SE-06.02**



## Issuing authority

Name: SP Sveriges Provnings- och Forskningsinstitut  
Address: Box 857, SE-501 15 Borås, Sweden  
Person responsible: Håkan Nilsson

## Applicant

Name: Flintab AB  
Address: Kabelvägen 4, 553 02 Jönköping, Sweden.

Manufacturer of the certified pattern is the applicant.

## Identification of the certified pattern

A graduated, self-indicating, electronic, non-automatic weighing instrument.

Accuracy class	III
Type	47-10-XX or 47-10V-XX
Number of verification scale intervals, n	$n \leq 10000$ or $3 \times 4000$ (multi-interval)
Maximum capacity, Max	$\text{Max} \leq 20000$ kg

(Identification continued on next page.)

This certificate attests the conformity of the above-mentioned pattern (represented by the samples identified in the associated test report) with the requirements of the following Recommendation(s) of the International Organization of Legal Metrology (OIML):

R76, edition 1992, for accuracy class III.

This certificate relates only to the metrological and technical characteristics of the pattern of the instrument concerned, as covered by the relevant OIML International Recommendation(s).

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

The conformity was established by tests described in the associated test report P602998 dated 2006-08-14.

Borås, August 14, 2006

## SP Sveriges Provnings- och Forskningsinstitut Measurement Technology

Håkan Nilsson  
Technical manager

Håkan Källgren  
Technical officer

SP has been authorised by the Swedish OIML-member to issue and sign OIML-certificates.

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 or of the associated test report is not permitted, though they may be reproduced in full.

## Identification of the certified pattern

### General description

The weighing instrument is a non-automatic floor scale, class III, with single or multi-interval electronic indicating device and is for industrial use.

The weighing instrument consists of a rectangular platform or U-frame with four load cells connected to an indicator according to test certificate 0402-MVM033 Revision 3, dated 2004-05-13.

### Construction

#### Technical data

Accuracy class	III
Maximum capacity	$400 \leq \text{Max} \leq 20000 \text{ kg}$
Verification scale interval	$e \geq 0,05 \text{ kg}$
Number of verification scale intervals	$n \leq 10000$ or $3 \times 4000$ (multi-interval)
Minimum load	$\text{Min} = 20e$
Maximum tare effect	$T = - \text{Max}$
Temperature range	$-10 \text{ }^\circ\text{C}$ to $+40 \text{ }^\circ\text{C}$
Power supply	230 V AC

#### Supplementary devices

- semi-automatic zero setting and initial zero-setting
- zero indication and zero-tracking
- semi-automatic tare balancing
- printing
- piece counting
- signal test mode
- data storage device (DSD) called alibi weight memory

#### Load receptor

The load receptor consists of a rectangular platform or U-frame with four load cells connected to an indicator. Typenames: Flintab 13-01:xx, 13-02-xx, 13-03-xx, 13-04-xx and 13-05-xx (xx may be any alphanumeric combination and length).

#### Load cell

Load cell	Manufacturer	Capacity
SLB-C3	Flintec	91/227/454/1134/1814/2268/536 kg
SB4-C3	Flintec	0,5/1/2/5/10 t
SB5-C3	Flintec	0,5/1/2/5 t
SB6-C3	Flintec	20,4/51/102/204 kg

#### Interfaces

The instrument may be equipped with the following protective interfaces:

- One (primary) channel communication serial RS-232 I/O-port with option for RS422/RS485 or current loop converter
- One optional serial communication port for RS232, current loop.
- Digital relay I/O-port
- 0-20 mA analog O-port.