

**OIML Member State**  
The Netherlands

Number R117/2007-A-NL1-24.01 revision 1  
Project number 4025727  
Page 1 of 3

Issuing authority NMI Certin B.V.  
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Applicant and Manufacturer Gilbarco GmbH  
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Identification of the certified type **A fuel dispenser**  
Type: SK700-2 family including Sk700-2, Horizon 2, SK700-2/Frontier and SK700-2/Endura

Characteristics See following page(s)

This OIML Certificate is issued under scheme A.

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

**R 117-1: 2007** "Dynamic measuring systems for liquids other than water"

Accuracy class 0,5

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

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Issuing Authority **NMI Certin B.V., OIML Issuing Authority NL1**  
27 February 2026

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The conformity was established by the results of tests and examinations provided in the associated report(s):

- No. NMI-3766810-01 dated 2 March 2024 that include 47 pages.
- No. NMI-4025727-01 dated 9 January 2026 that includes 25 pages.

### Characteristics of the measuring instrument

In Table 1 the general characteristics of the measuring instrument are presented. The construction of the measuring instrument is recorded in the Documentation folder no. R117-2007-A-NL1-24-01-1.

**Table 1 General characteristics**

Minimum – maximum flow rate	1,6 – 40 L/min for viscosity range 0,4 - 1,0 mPa·s 2,0 – 80 L/min for viscosity range 1,1 - 4,5 mPa·s
Minimum measured quantity	2, 5 or 10 Litres; In case the $Q_{max}$ of the measuring system is less than 60 L/min, the Minimum Measured Quantity shall not exceed 5 Litres.
Maximum pressure	3,5 bar(g)
Environmental classes	M1 / E1
Ambient temperature range	-25 °C / +55 °C -40 °C / +55 °C (with heater in calculator CPU & display housing)
Product temperature range	-40 – +50 °C
Intended for the measurement of	Hydrocarbon oils with viscosity range of 0,4 - 4,5 mPa·s

Each measuring instrument consists at least of:

- One measurement transducer (meter);
- One calculating/indicating device (calculator).

The same housing of the dispenser can comprise of one or more measuring systems. When more than one measuring systems are in one housing, one calculating/indicating device may be a common part of the measuring systems.

For multi-product dispensers it is only possible to deliver one product at the same time on one side of the dispenser.

In Table 3 the overview of the essential parts of the measuring instrument are presented. The characteristics of the mentioned parts of the fuel dispenser are presented at Table 4 and higher.

**Table 3 Overview parts of the measuring instrument**

Part	Producer	Type	OIML Reports	Remarks
Measurement transducer	Gilbarco GmbH	C+	See Table 4 below	-
Calculating / indicating device	Gilbarco GmbH	Sandpiper- Apollo Apollo 2022	R117-2007-A-NL1-26.03	-

**Table 4 General characteristics of the measurement transducer type C+**

Producer	Gilbarco GmbH
Type	C+
Documentation folder	TC7144-3
Reports	No. CVN-10119469 dated 2 March 2001 that include 56 pages; No. CVN-202211 dated 16 May 2003 that include 49 pages.
Accuracy class	0,5
Flow rate range [L/min]	1,6 – 40 L/min for viscosity range 0,4 - 1,0 mPa·s 2,0 – 80 L/min for viscosity range 1,1 - 4,5 mPa·s
MMQ	2 L
Maximum pressure	3,5 bar
Ambient temperature range	-40 °C / +55 °C
Product temperature range	-40 °C / +50 °C
Intended for the measurement of	Products with viscosity between 0,4 mPa·s – 4,5 mPa·s
Impulse encoder or pulser	SIP-II and SIP-III Pulser

**Certificate history:**

This revision replaces the previous version.

Revision	Date	Description of the modification
0	13 March 2024	Initial issue
1	27 February 2026	Addition of report NMI-4025727-01 with additional EMC testing. Reference to the OIML certificate R117-2007-A-NL1-26.03 of the calculator.