

Member State of OIML  
United Kingdom of Great Britain  
and Northern Ireland

OIML Certificate No  
R117/1995-GB1-11.01

## OIML CERTIFICATE OF CONFORMITY

Issuing authority: **National Measurement Office**

Person responsible: **Paul Dixon – Product Certification Manager**

Applicant: **Gilbarco Veeder-Root**  
Address: **Crompton Close, Basildon, Essex, UK**

Manufacturer: **Gilbarco GmbH & Co. KG**  
Address: **Ferdinand Henze Strasse 9  
D-33154 Salzkotten  
Germany**

Identification of the  
certified pattern: **Liquids other than water dispenser, designation 397G**

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 of the International Organisation of Legal Metrology (OIML):

### **OIML R117 - Edition 1995(E) for accuracy class: 0.5**

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.

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

Important note: Apart from the mention of the certificates 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.

**Issue Date: 20 October 2011**  
**Reference No: TS0901/0013**

  
**Signatory: P R Dixon**

The conformity was established by tests described in the associated pattern evaluation report P00763 which includes 16 pages.

**Characteristics:**

Mechanical Environment Class M2, Electromagnetic Environment Class E1

Each hydraulic circuit consists of

1. one or two meters, types V, V+, C, C+ or Ecometer
2. GPU90 or GPU140 pump and gas separator, except for use in pressurized (STP) systems

One or two hydraulic circuits are housed in a single enclosure with

1. one common Sandpiper 2 (E101) calculator,
2. measuring transducers of type E101 pulser or Eltomatic ME01-04
3. optional features and functions:
  - communications (remote automation)
  - vapour recovery systems
  - temperature compensation
  - delivery speed selection either by pushbutton or nozzle selection
  - electronic or electromechanical totalizers,
  - preset, keypad, pushbutton options
  - slave displays, and/or master-satellite operation
  - additional displays, alternative number of display digits and display size (minimum 6 digits money and volume, 4 digits unit price, and minimum height 25mm)

## OIML Certificate No R117 1995-GB1-11.01

Maximum Flowrate l/min	Minimum flowrate l/min	Minimum measured quantity l	Maximum volume indication l	Maximum unit price	Maximum price to pay	Meter	Liquids
40	1.6	2 or 5	999999 (Floating decimal)	9999 (Floating decimal)	999999 (Floating decimal)	V/V+ or C+	Gasoline, Gasoline with up to 86% ethanol or MTBE, Gasoline with up to 5% methanol, Diesel, Biodiesel (up to 100%)
40	4	2 or 5	999999 (Floating decimal)	9999 (Floating decimal)	999999 (Floating decimal)	Ecometer or C	Gasoline, Gasoline with up to 86% ethanol or MTBE, Gasoline with up to 5% methanol, Diesel, Biodiesel (up to 100%)
80	1.6	2, 5 or 10	999999 (Floating decimal)	9999 (Floating decimal)	999999 (Floating decimal)	V/V+ or C+	Gasoline, Gasoline with up to 86% ethanol or MTBE, Gasoline with up to 5% methanol, Diesel, Biodiesel (up to 100%)
80	4	2, 5 or 10	999999 (Floating decimal)	9999 (Floating decimal)	999999 (Floating decimal)	Ecometer or C	Gasoline, Gasoline with up to 86% ethanol or MTBE, Gasoline with up to 5% methanol, Diesel, Biodiesel (up to 100%)
130	8	2, 5 or 10	999999 (Floating decimal)	9999 (Floating decimal)	999999 (Floating decimal)	V/V+ or C/C+ or Ecometer	Diesel, Biodiesel (up to 100%)

Extended temperature range of -40°C to +55°C is possible with low temperature version of C+ meter or Ecometer.

### Certificate History

ISSUE NO.	DATE	DESCRIPTION
R117 1995-GB1-11.01	20 October 2011	Certificate first issued