

ČESKÝ METROLOGICKÝ INSTITUT

Member state
Czech Republic



OIML Certificate No.
R117/1995-CZ-07.01

OIML CERTIFICATE OF CONFORMITY

Issuing Authority

Name: Czech Metrology Institute
Address: Okružní 31,
638 00 Brno, CZ
Person responsible: Jan Kalandra

Applicant

Name: Chen Fuel Systems LTD
Address: Industrial Zone No. 5, P.O.B. 262
Maalot
21071 Israel

Manufacturer of the certified type

Name: Chen Fuel Systems LTD
Address: Industrial Zone No. 5, P.O.B. 262
Maalot
21071 Israel

Identification of the certified type

Fuel dispenser for motor vehicles
Type: CFS Fuel Star Series

Further characteristics see page 2

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

R 117, edition 1995, for accuracy class 0,5

R 118, edition 1995

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

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

The conformity was established by the results of tests and examinations provided in the associated Test report: No. 6015-PT-P001-07 that includes 48 pages.

Characteristics:

The CFS Fuel Star Series fuel dispensers for motor vehicles


Measuring system type	Standard Duty	Heavy Duty
Meter type:	FMU-50	FMU-90
Pumping units type:	FSU-50	FSU-90
Liquids	Gasoline and Diesel	Diesel
Max. flowrate Q_{max} [dm ³ /min]	50	90
Min. flowrate Q_{min} [dm ³ /min]	5	9
Min. measured quantity V_{min} [dm ³]	2	5
Maximum unit price (number of digits)	99.99 (4)	
Maximum price to pay (number of digits)	9999.99 (6)	
Temperature range:	(-10 to +50) °C	
Environmental class:	C	
Accuracy class	0.5	

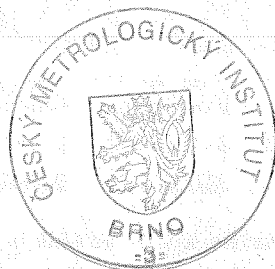
Measuring system description:


The CFS Fuel Star Series fuel dispensers consist of a FSU pumping unit with gas elimination device, FMU measuring transducer, CPS electronic calculator, electromagnetic valve, sight glass and house with delivery nozzle. There is version for installation in centrally pumped system. Satellite delivery point can be present.

There are two types of subsystems:

- Standard Duty with Q_{max} 50 L/min, witch contains one FSU-50 pumping unit and one FMU-50 measuring transducer
- Heavy Duty with Q_{max} 90 L/min, witch contains one FSU-90 pumping unit and one FMU-90 measuring transducer.


The Issuing Authority
Jan Kalandra




The OIML Member
Pavel Klenovský

8 February 2007

8 February 2007

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 the associated test report is not permitted although either may be reproduced in full.