

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

**OIML Certificate No
R49/2006-GB1-14-02**

OIML CERTIFICATE OF CONFORMITY

Issuing authority: National Measurement Office

Person responsible: **Paul Dixon – Director, Certification Services**

Applicant: **Madey Vered Ltd
Ashlegan 8
Kiryat Gat
82021
Israel**

Manufacturer: **The applicant**

Identification of the certified pattern: A family of cold-water meters, designated MeiStream Plus MV, having a rated permanent flowrate Q_3 between $25 \text{ m}^3/\text{h}$ and $250 \text{ m}^3/\text{h}$, utilising an electronic register which is equipped with AMR via Wi-Fi communication

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 R49- Edition 2006(E) for accuracy class: 2

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.

Issue Date: 03 October 2014

Reference No: TS02/0020



**Signatory: G Stones
for Chief Executive**

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NMO is an Executive Agency of the Department for Business Innovation & Skills



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The initial conformity was established by tests described in the associated Evaluation report P01373

Characteristics:

Table 1:

Meter Size (mm)	40	50	65	80	100	150
Q₃/Q₁ (R)	315	315	400	400	400	630
Q ₂ /Q ₁	1.6	1.6	1.6	1.6	1.6	1.6
Q ₁ Minimum flowrate (m ³ /hr)	0.08	0.08	0.10	0.16	0.25	0.40
Q ₂ Transitional flowrate (m ³ /hr)	0.128	0.128	0.16	0.25	0.40	0.63
Q ₃ Permanent flowrate (m ³ /hr)	25	25	40	63	100	250
Q ₄ Overload flowrate (m ³ /hr)	31.25	31.25	50	78.75	125	312.5
Pressure loss Class ΔP (MPa)	0.010	0.010	0.025	0.010	0.016	0.016

Measuring principle: Mechanical, woltman with electronic register equipped with AMR via Wi-Fi communication

Accuracy Class: 2

Q₂/Q₁: 1.6

Q₃/Q₁: see table 1

Environmental class: T50 (0.1C to 50C)

Environmental class: C

Electromagnetic environment: E1

Maximum admissible temperature: 50 °C

Maximum admissible pressure: 1.6 Mpa (16 bar)

Pressure Loss Class: see table 1

Installation details

Connection type: Flange or threaded body

Minimum straight length of inlet pipe: U0

Minimum straight length of outlet pipe: D0

Flow conditioner (details if required): None

Mounting

Orientation: Horizontal

Functionality

Checking Facilities : Indicator

Checking Facilities Type: P

Flow Measurement Direction: The meter may not measure reverse flow

Certificate History

ISSUE NO.	DATE	DESCRIPTION
R49/2006-GB1-14-02	03 October 2014	Type approval first issued

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