



Member State
Switzerland

OIML Certificate
No R49/2006-CH1-07.04

OIML CERTIFICATE OF CONFORMITY

Issuing authority

Name Federal Office of Metrology METAS
Certification Body METAS-Cert

Address METAS, Lindenweg 50, CH-3003 Bern-Wabern

Person responsible Jürg Ramseyer, Head of METAS-Cert

Applicant

Name E.WEHRLE GmbH

Address Obertalstrasse 8, D – 78120 Furtwangen

Manufacturer The manufacturer of the certified pattern is the Applicant

Identification of the certified pattern

Type **Concentric multi-jet impeller meter intended for the
metering of cold and hot water (T30/T90)**
Messkapsel Vario S and Messkapsel Data

For further characteristics see page 3.

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

R 49-1, edition 2006
for accuracy class 2

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

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



**OIML Certificate
No R49/2006-CH1-07.04**

The conformity was established by the results of tests and examinations provided in the associated Test Reports:

No 135-10736 that includes 32 pages

The Issuing Authority

Jürg Ramseyer, Head of METAS-Cert

The OIML Member

Dr. Bruno Vaucher

CH-3003 Bern-Wabern, 14 November 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.



OIML Certificate No R49/2006-CH1-07.04

1 Description of the type

The meter is a concentric multi-jet impeller meter with threading of M62x2. The measuring sensor and the register are tightly interconnected to prevent any unauthorized opening and manipulation of the meter.

2 Technical specifications

Permanent flowrate Q_3 :	2.5 or 1.6
Nominal pressure:	1.6 MPa
Measuring range:	Q_3 2.5: R80 H, R63 H, R50 V/H, R40 V/H, R31.5 V/H, R 25 V/H, R 10 V/H Q_3 1.6: R40 H, R31.5 V/H, R25 V/H
Mounting:	Horizontal (H) and vertical (V)
Pressure loss Class ΔP :	Q_3 2.5: 0.63, Q_3 1.6: 0.4
Threaded connector:	Concentric manifold M62x2
Temperature range:	0.1 to 90 °C
Durability:	12 years (standard installation conditions)
Environmental conditions:	Class B
Flow profile sensitivity class:	U0/D0