

(National emblem of the Slovak Republic)

TYPE OF MEASURING DEVICE CERTIFICATE

No. 039/141/05 as of 27th June, 2005

The Slovak Institute of Metrology, in compliance with the provision of § 30 letter b) and § 32 subparagraph 2 letter e) of Act No. 142/2000 Z.z. on metrology and on modification and amendment of certain Acts as amended by Act No. 431/2004 Z.z. (hereinafter referred to as the „Act“), in virtue of a request number 360560 hereby issues this decision under § 11 subparagraph 1 of Act, by virtue of which it

approves the type of the following measuring device

Name of the measuring device: Measuring kit for dispensation of oils
Type of the measuring device: OriLink
Applicant: JANRENT s.r.o., Bratislava
BIN: 31 37 29 02
Manufacturer: Alentec & Orion AB, Sweden

and under § 10 subparagraph 1 of the Act certifies that the said type of the measuring device complies, as to its technical and metrological characteristics and construction, with the requirements for this type of measuring device stipulated in Schedule No. 10 entitled „Volume flow measuring devices for liquids except water“, Schedule No. 11 entitled „Equipment supplementing volume flow measuring devices for liquids except water“ and Schedule No. 12 entitled „Measuring kits for liquids except water“, to ÚNMS SR Decree No. 210/2000 Z.z., regulating measuring devices and metrological control as amended.

Basic technical characteristics and metrological characteristics of the measuring device and the results of technological tests and findings on compliance with the requirements, for this type of measuring device, are stipulated in Protocol No. 360560/05-013 as of 30th May, 2005 issued by Slovak Legal Metrology.

The following type approval mark is hereby assigned to the said type of the measuring device:

TSK 141/05 - 039

Under § 14 subparagraph 2 of the Act, the importer is obliged to place the type approval mark upon the measuring device, and under § 16 subparagraph 2 of the Act, to ensure the first verification of the measuring device, before it is introduced to the market.

Expiry date: 27th June, 2015

Advice: An appeal may be lodged against this decision within 15 days from its delivery, to the

Office of Normalization, Metrology and Testing in the Slovak Republic¹, Štefanovičova 3,
P.O.BOX 76, 810 02 Bratislava, through Slovak Institute of Metrology.

(illegible signature)
Prof. Ing. Matej Bílý, DrSc.
Director General

(revenue stamp SKK 500)

round stamp: Slovak Institute of Metrology, Bratislava, national emblem, 1

CERTIFICATE No. 039/141/05

page 2 of 2

Description of the measuring device:

The measuring kit OriLink is an electronic measuring and control system intended for dispensation of oils and anti-freeze mixtures in car repair services and garages, in industry and oil economies. It is used mainly to measure and control the volume of lubricating, motor, hydraulic, cutting and other oils and anti-freeze mixtures with kinematic viscosity of (8 to 2 000) mm²/s at the time of their consumption or dispensation.

It is available in three versions OriLink PC, OilMon 800, or OilMon PC, which differ in their configuration only.

Configurations of the kit:

	Type of measuring kit		
	OriLink PC	OilMon 800	OilMon PC
Maximum number of			
- dispensation points (hoses)	255	16	120
- types of liquid	unlimited	8	16
- operator keyboards	unlimited	16	64
- PIN access codes	unlimited	74	unlimited

Basic metrological characteristics

Maximum flow rate	(10 to 15) L/min
Minimum flow rate	(1 to 3) L/min
Minimum measured amount	0.5 L
Cyclic volume	12.2 mL
Maximum permissible error	
- for oils	±1%
- for anti-freeze mixtures	±0,5%

Only the flow rates in 1L/min steps are allowed, while the maximum/minimum flow rate ratio must be equal to at least 5.

1 ÚNMS SR, translator's note

Measuring device verification:

In separate testing, the flow measurement device is verified under PNÚ 1410.2 and STN 99 7503. The complete measuring kit is verified under STN 99 7521.

The validity period of the verification is 2 years, under item 1.3.13 a) of the Schedule No. 1 to ÚNMS SR Decree No. 210/2000 Z.z., regulating measuring devices and metrological control as amended.

Placement of the verification mark and security marks:

The terms and conditions for placement of the verification mark and security marks are stipulated under item 8.3 of the Protocol No. 360560/05-013.

round stamp: Slovak Institute of Metrology, Bratislava, national emblem

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I do hereby certify that this complete copy of a document, consisting of 2 pages, agrees verbatim with the complete original document, consisting of 2 pages.

In Bratislava this 17th day of February, 2011

(illegible signature)

(round seal of JUDr. LUBOMÍR VLHA, NOTARY PUBLIC, BRATISLAVA, 2)

(round stamp of JUDr. LUBOMÍR VLHA, Notary Public, Bratislava, 2, on the ribbon-bound document)

(notarial certification as above)

Preklad som vypracoval ako prekladateľ zapísaný v zozname znalcov, tlmočníkov a prekladateľov, ktorý vedie Ministerstvo spravodlivosti Slovenskej republiky, v odbore slovenský jazyk - anglický jazyk, evidenčné číslo prekladateľa: 970839.

Prekladateľský úkon je zapísaný v prekladateľskom denníku č. ...1/2011..... pod poradovým číslom: 52a/2011

Za prekladateľský úkon a vzniknuté náklady účtujem podľa vyúčtovania na základe priloženého dokladu č.: ✓

V Bratislave, dňa21.2.2011.....

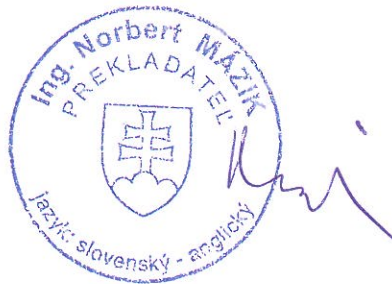
I produced the above translation as a translator listed in the Register of Experts, Interpreters and Translators maintained by the Ministry of Justice of the Slovak Republic, discipline Slovak and English languages, translator's reg. No.: 970839.

This translation is registered in the translator's diary No. ...1/2011under sequential number: 52a/2011

The fee and costs incurred are charged in accordance with the attached bill No.: ✓

In Bratislava, on.....21.2.2011.....

Ing.Norbert Mázik



(National emblem of the Slovak Republic)

TYPE OF MEASURING DEVICE CERTIFICATE

No. 004/141/02 as of 25th February, 2002

The Slovak Institute of Metrology, in compliance with the provision of § 30 letter b) and § 32 subparagraph 2 letter e) of Act No. 142/2000 Z.z. on metrology and on modification and amendment of certain Acts (hereinafter referred to as the „Act“), in virtue of a request number 360066 hereby issues a decision under § 11 subparagraph 1 of Act, by virtue of which it

approves the type of the following measuring device

Name of the measuring device:	Volume flow measuring device for oils and anti-freeze mixtures
Type of the measuring device:	247xx
Applicant:	JANRENT s.r.o., Bratislava BIN: 31 372 902
Manufacturer:	Alentec Orion AB, Sweden

and under § 10 subparagraph 1 of the Act certifies that the said type of the measuring device complies, as to its technical and metrological characteristics and construction, with the requirements for this type of measuring device stipulated in Schedule No. 10 entitled „Volume flow measuring devices for liquids except water“ and Schedule No. 11 entitled „Equipment supplementing volume flow measuring devices for liquids except water“ to ÚNMS SR Decree No. 210/2000 Z.z., regulating measuring devices and metrological control as amended.

Basic technical characteristics and metrological characteristics of the measuring device and the results of technological tests and findings on compliance with the requirements, for this type of measuring device, are stipulated in Protocol No. 360066/02-004 as of 8th February, 2002 issued by Slovak Legal Metrology.

The following type approval mark is hereby assigned to the said type of the measuring device:

TSK 141/02 - 004

Under § 14 subparagraph 2 of the Act, the importer is obliged to place the type approval mark upon the measuring device, and under § 16 subparagraph 2 of the Act, to ensure the first verification of the measuring device, before it is introduced to the market.

Expiry date: 25th February, 2012

Advice: An appeal may be lodged against this decision within 15 days from its delivery, to the

Office of Normalization, Metrology and Testing in the Slovak Republic¹, Štefanovičova 3,
P.O.BOX 76, 810 05 Bratislava, through Slovak Institute of Metrology.

(illegible signature)
Prof. Ing. Matej Bílý, DrSc.
Director General

(revenue stamp SKK 500)

round stamp: Slovak Institute of Metrology, Bratislava, national emblem, 2

CERTIFICATE No. 004/141/02

page 2 of 2

Description of the measuring device:

The measuring device is intended for volumetric flow measurement in liquids having viscosity of 8 mPa.s to 2 000 mPa.s, within temperature ranges of 0°C to 50°C. It is used mainly to measure the volume of lubricating, motor, hydraulic and cutting oils and anti-freeze liquids (mixtures) at the time of their consumption or dispensation. The device consists of volume flow measuring device and a counter.

Basic metrological characteristics

Maximum flow rate	15 L/min
Minimum flow rate	1 L/min
Minimum consumption	0.5 L
Cyclic volume	12.2 mL
Correction factor	adjustable within the range from 0.9500 to 1.0500 S001
Unit counter	
- capacity	999.99 L
- scale division value	0.01 L
Additive counter	
- capacity	99999 L
- scale division value	1 L
Measuring device permissible error	±1%

Measuring device verification:

The counter is verified under PNÚ 1410.2 using the liquid for which it is intended or a replacement liquid with the same or close value of kinematic viscosity. Its is recommended to check the correction factor value and the the additive counter reading.

The validity period of the verification is 2 years, under item 1.3.12 of the Schedule No. 1 to ÚNMS SR Decree No. 210/2000 Z.z., regulating measuring devices and metrological control as amended.

1 ÚNMS SR, translator's note

Placement of the verification mark and security marks:

The following shall be ensured regarding a compliant counter, by means of the verification marks:

- non-dismantability of the measuring device (coupling of the counter with the measurement device) 1 verification mark
- access opening to adjusting equipment 1 verification mark
- label undetachability 1 verification mark

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Prekladateľský úkon je zapísaný v prekladateľskom denníku č. ...1/2011..... pod poradovým číslom: 53/2011

Za prekladateľský úkon a vzniknuté náklady účtujem podľa vyúčtovania na základe priloženého dokladu č.: /

V Bratislave, dňa 21.2.2011..

I produced the above translation as a translator listed in the Register of Experts, Interpreters and Translators maintained by the Ministry of Justice of the Slovak Republic, discipline Slovak and English languages, translator's reg. No.: 970839.

This translation is registered in the translator's diary No. ...1/2011under sequential number: 53/2011

The fee and costs incurred are charged in accordance with the attached bill No.: /

In Bratislava, on 21.2.2011

Ing.Norbert Mázik

