

Certificate




for European Product Safety

Reference No. 900419

Immersion heater

<i>Type designation</i>	STFX, SCAX, STIX, SMSX, MSP, SSP, TIP, STFP
<i>Certificate holder</i>	SCANDYMET AB Box 72 826 22 Söderhamn SWEDEN
<i>The product complies with the standard(s)</i>	EN 60335-1:2002+A11+A1+A12+A2+A13 EN 60335-2-73:2003+A1 EN 62233:2008
<i>Date of expiry</i>	22 June 2014
<i>EU Directive information</i>	<i>The product satisfies the provisions for CE marking according to the Low Voltage Directive 2006/95/EC.</i>

Additional information in Appendix.

<i>Certification Body</i>	Intertek Semko AB, Product Certification	<i>Place</i>	Kista - Stockholm
<i>Signed</i>	 Annelie Averland Johansson	<i>Date</i>	22 June 2009 Page 1 of 6

This certificate is issued in accordance with the terms and conditions set out in the Appendix.



Appendix

Reference No. 900419

Technical data

Type designation	STFX
Rated voltage (V)	230, 240
Rated power (W)	500, 1000, 1500, 2000, 3000, 4000, 6000
Frequency (Hz)	50
Class	I
IP-Class	66
Product information	Teflon enclosure

Type designation	STFX
Rated voltage (V)	400 3AC, 415 3AC
Rated power (W)	2250, 3000
Frequency (Hz)	50
Class	I
IP-Class	66
Product information	Teflon enclosure

Type designation	STFX
Rated voltage (V)	400 3AC, 415 3AC
Rated power (W)	4500, 6000, 9000, 12000
Frequency (Hz)	50
Class	I
IP-Class	66
Product information	Double heater with teflon enclosure and connection box

This Certificate is for the exclusive use of Intertek's Client and is provided pursuant to the Certification agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this certificate. Only the Client is authorized to permit copying or distribution of this certificate and then only in its entirety. Use of Intertek's Certification mark is restricted to the conditions laid out in the agreement. Any further use of the Intertek name for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. Initial Factory Assessments and Follow up Services are for the purpose of assuring appropriate usage of the Certification mark in accordance with the agreement, they are not for the purposes of production quality control and do not relieve the Client of their obligations in this respect.



Appendix

Reference No. 900419

Type designation	SCAX
Rated voltage (V)	230, 240
Rated power (W)	1000, 1500, 2000, 3000, 4000,6000
Frequency (Hz)	50
Class	I
IP-Class	66
Product information	Stainless steel enclosure

Type designation	SCAX
Rated voltage (V)	400 3AC, 415 3AC
Rated power (W)	3000, 6000, 9000, 12000
Frequency (Hz)	50
Class	I
IP-Class	66
Product information	Stainless steel enclosure

Type designation	STIX
Rated voltage (V)	230, 240
Rated power (W)	2000, 3000, 4000
Frequency (Hz)	50
Class	I
IP-Class	66
Product information	Titanium enclosure

Type designation	STIX
Rated voltage (V)	400 3AC. 415 3AC
Rated power (W)	3000, 4500, 6000, 9000, 12000
Frequency (Hz)	50
Class	I
IP-Class	66
Product information	Titanium enclosure

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Reference No. 900419

Type designation	SMSX
Rated voltage (V)	230, 240
Rated power (W)	1000,2000,3000
Frequency (Hz)	50
Class	I
IP-Class	66
Product information	Mild steel enclosure

Type designation	SMSX
Rated voltage (V)	400 3AC , 415 3AC
Rated power (W)	6000,9000,12000
Frequency (Hz)	50
Class	I
IP-Class	66
Product information	Mild steel enclosure

Type designation	MSP
Rated voltage (V)	230,240
Rated power (W)	2000, 3000, 4000, 6000
Frequency (Hz)	50
Class	I
IP-Class	66
Product information	Mild steel enclosure

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Reference No. 900419

Type designation	SSP
Rated voltage (V)	230,240
Rated power (W)	2000, 3000, 4000, 6000
Frequency (Hz)	50
Class	I
IP-Class	66
Product information	Stainless steel enclosure

Type designation	TIP
Rated voltage (V)	230,240
Rated power (W)	2000, 3000, 4000, 6000
Frequency (Hz)	50
Class	I
IP-Class	66
Product information	Titanium enclosure

Type designation	STFP
Rated voltage (V)	230,240
Rated power (W)	2000, 3000
Frequency (Hz)	50
Class	I
IP-Class	66
Product information	Teflon enclosure

Type designation	STFP
Rated voltage (V)	400 3AC ,415 3AC
Rated power (W)	3000
Frequency (Hz)	50
Class	I
IP-Class	66
Product information	Teflon enclosure

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Manufacturing site(s) Scandymet AB
Växelgatan 5
826 40 Söderhamn
SWEDEN

Safety related parts of the user instructions shall be written in a language acceptable to the country where the product is to be used.

This certificate, which includes production control, is considered to constitute sufficient support for an EC Declaration of Conformity and CE marking of the products according to the Low Voltage Directive 2006/95/EC.

There shall always be a external thermal cut out circuit installed with the heaters.

Certification Body Intertek Semko AB, Product Certification *Place* Kista - Stockholm

Signed  *Date* 2 June 2009
Annelie Averland Johansson

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IEC**IECEE
CB
SCHEME**

Ref. Certif. No.

SE-57998IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST
CERTIFICATES FOR ELECTRICAL EQUIPMENT
(IECEE) CB SCHEMESYSTEME CEI D'ACCEPTATION MUTUELLE DE
CERTIFICATS D'ESSAIS DES EQUIPEMENTS
ELECTRIQUES (IECEE) METHODE OC**CB TEST CERTIFICATE****CERTIFICAT D'ESSAI OC**Product
Produit

Immersion heater

Name and address of the applicant
Nom et adresse du demandeur

SCANDYMET AB, Box 72, 826 22 Söderhamn, SWEDEN

Name and address of the manufacturer
Nom et adresse du fabricant

Same as applicant

Name and address of the factory
Nom et adresse de l'usine

Scandymet AB, Växelgatan 5, 826 40 Söderhamn, SWEDEN

Note: When more than one factory, please report on page 2
Note: Lorsque il y plus d'une usine, veuillez utiliser la 2^{ème}Ratings and principal characteristics
Valeurs nominales et caractéristiques principales230V, 240V, 400V 3AC, 415V 3AC, 50Hz, 500-12000W, IP66
See also page 2Trademark (if any)
Marque de fabrique (si elle existe)

SCANDYMET

Type of Manufacturer's Testing Laboratories used
Type de programme du laboratoire d'essais
constructeurModel / Type Ref.
Ref. De type

STFX, SCAX, STIX, SMSX, MSP, SSP, TIP, STFP

Additional information (if necessary may also be
reported on page 2)
Les informations complémentaires (si nécessaire,
peuvent être indiqués sur la 2^{ème} page)There shall always be thermal cut out circuits installed with the
heaters.A sample of the product was tested and found
to be in conformity with
Un échantillon de ce produit a été essayé et a été
considéré conforme à laIEC 60335-1:2001+A1+A2
IEC 60335-2-73:2002+A1As shown in the Test Report Ref. No. which forms part
of this Certificate
Comme indiqué dans le Rapport d'essais numéro de
référence qui constitue partie de ce Certificat

900419-1

This CB Test Certificate is issued by the National Certification Body
Ce Certificat d'essai OC est établi par l'Organisme National de CertificationIntertek Semko AB
Box 1103
SE-164 22 Kista, Sweden
Int +46 8 750 00 00

Date: 22 June 2009

Intertek ETL SEMKOSignature: 

Paul Klemets

Additional information (if necessary)
Information complémentaire (si nécessaire)

Type designation STFX
Rated voltage (V) 230, 240
Rated power (W) 500, 1000, 1500, 2000, 3000, 4000, 6000
Frequency (Hz) 50
Class I
IP-Class 66
Product information Teflon enclosure

Type designation STFX
Rated voltage (V) 400 3AC, 415 3AC
Rated power (W) 2250, 3000
Frequency (Hz) 50
Class I
IP-Class 66
Product information Teflon enclosure

Type designation STFX
Rated voltage (V) 400 3AC, 415 3AC
Rated power (W) 4500, 6000, 9000, 12000
Frequency (Hz) 50
Class I
IP-Class 66
Product information Double heater with Teflon enclosure and connection box

Type designation SCAX
Rated voltage (V) 230, 240
Rated power (W) 1000, 1500, 2000, 3000, 4000, 6000
Frequency (Hz) 50
Class I
IP-Class 66
Product information Stainless steel enclosure

Date: 22 June 2009

Signature: 

Type designation SCAX
 Rated voltage (V) 400 3AC, 415 3AC
 Rated power (W) 3000, 6000, 9000, 12000
 Frequency (Hz) 50
 Class I
 IP-Class 66
 Product information Stainless steel enclosure

Type designation STIX
 Rated voltage (V) 230, 240
 Rated power (W) 2000, 3000, 4000
 Frequency (Hz) 50
 Class I
 IP-Class 66
 Product information Titanium enclosure

Type designation STIX
 Rated voltage (V) 400 3AC, 415 3AC
 Rated power (W) 3000, 4500, 6000, 9000, 12000
 Frequency (Hz) 50
 Class I
 IP-Class 66
 Product information Titanium enclosure

Type designation SMSX
 Rated voltage (V) 230, 240
 Rated power (W) 1000, 2000, 3000
 Frequency (Hz) 50
 Class I
 IP-Class 66
 Product information Mild steel enclosure

Type designation SMSX
 Rated voltage (V) 400 3AC, 415 3AC
 Rated power (W) 6000, 9000, 12000
 Frequency (Hz) 50
 Class I
 IP-Class 66
 Product information Mild steel enclosure

Date: 22 June 2009

Signature: 

Type designation MSP
Rated voltage (V) 230,240
Rated power (W) 2000, 3000, 4000, 6000
Frequency (Hz) 50
Class I
IP-Class 66
Product information Mild steel enclosure

Type designation SSP
Rated voltage (V) 230,240
Rated power (W) 2000, 3000, 4000, 6000
Frequency (Hz) 50
Class I
IP-Class 66
Product information Stainless steel enclosure

Type designation TIP
Rated voltage (V) 230,240
Rated power (W) 2000, 3000, 4000, 6000
Frequency (Hz) 50
Class I
IP-Class 66
Product information Titanium enclosure

Type designation STFP
Rated voltage (V) 230,240
Rated power (W) 2000, 3000
Frequency (Hz) 50
Class I
IP-Class 66
Product information Teflon enclosure

Type designation STFP
Rated voltage (V) 400 3AC, 415 3AC
Rated power (W) 3000
Frequency (Hz) 50
Class I
IP-Class 66
Product information Teflon enclosure

Date: 22 June 2009

Signature: 