

Hellenic Accreditation System



ACCREDITATION CERTIFICATE

No. 02-6

The Hellenic Accreditation System (ESYD), as the national accreditation body of Greece in accordance with the Law 4468/2017,

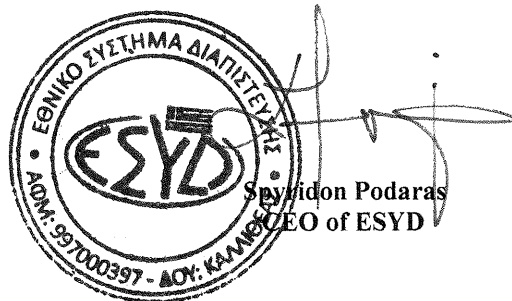
ACCREDITS

the
Solar & other Energy Systems Testing Laboratory
of the
NCSR «DEMOKRITOS»
in
Agia Paraskeui Attiki, Greece

under the terms of the ELOT EN ISO/IEC 17025:2017 Standard, to carry out tests, as specified in the attached Scope of the Accreditation, which may be revised by ESYD.

The initial certificate was issued on July 18th, 2000. This Certificate renews the accreditation and it is valid until July 17th, 2024 and it is subject to continuing compliance of the accredited body with the Regulations and the Criteria of ESYD.

Athens, December 10th, 2020



ESYD is a signatory of the European co-operation for Accreditation (EA) Multilateral Agreement for the activities covered by this certificate.

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Annex F1/11 to the Certificate No.02-6

SCOPE of ACCREDITATION of the Solar & other Energy Systems Testing Laboratory of the NCSR “DEMOKRITOS”

Tested material/ products	Types of test/ Properties measured	Applied Standards
Performance tests		
Glazed liquid heating solar collectors	Steady–state outdoor tests: 1. Thermal output 2. Effective thermal capacity 3. Time constant 4. Incidence angle modifiers 5. Pressure drop 6. Internal pressure 7. High temperature resistance 8. Stagnation temperature 9. Exposure 10. External thermal shock 11. Internal thermal shock 12. Rain penetration 13. Impact resistance 14. Mechanical load	ISO 9806:2017
Domestic solar water heating systems	1. Tests for system performance characterization and yearly performance prediction 2. Over temperature protection 3. Pressure resistance	ELOT EN 12976-2:2019 ISO 9459-2:1995 ISO 9459-5:2007

Site of assessment: **Permanent laboratory premises, Aghia Paraskevi, Attiki**

Approved signatory: **Stamatis Babalis**

This Scope of Accreditation replaces the previous one dated June 18th, 2020.

The Accreditation Certificate No. **02-6**, to ELOT EN ISO/IEC 17025:2017, is valid until 17.06.2024.

Athens, December 10th, 2020

