

Test report summary

Tested for: Sentech Korea Corp
21-6, Jimok-ro 75 beon-gil
Paju-se Gyeonggi-do (10880)
Republic of Korea

Tested by: MHF International Road Safety Test Lab
Nygårdsgatan 3
543 51 Tibro Sweden

Subcontractor: Onetech, ICR

Product name: iSober S Pro, AC-018, iSober 70, ACE Supreme

Serial number: 200723003, 200723001, 200723002, 200723004, 200723005,

Test Standard: EN 15964:2011

Test report no: 1220

Limit: Calibration period 12 month

Test results: **Approved** In all tests according to EN 15964:2011. With classification according to the specifications above.

Tibro 2022-01-20



Tomas Jonsson
CEO



Anna Welleman
Test leader



Test report

Every test element has been performed according to approved standards and has been documented in the appendix. The result only applies to the tested objects. The result and the limitations of each test element are shown in this test report.

Date: 2022-01-20

Tested for: Sentech Korea Corp
21-6, Jimok-ro 75 beon-gil
Paju-se Gyeonggi-do (10880)
Republic of Korea

Tested by: MHF International Road Safety Test Lab
Organisation no: 556108-4384
Accredited by Swedac (www.swedac.se)
Nygårdsgatan 3
543 51 Tibro Sweden

Subcontractor: The following ISO/IEC 17025:2005 laboratories has been used

Onetech
Accredited by Kolas
CORP 43-14, Jinsaegol-gil, Chowol-enp, Gwangiu-si
Gyeonggi-do (12735)
Republic of Korea

ICR
Accredited by Kolas
112, Hwanggenm 3-ro 7 beon-gil, Yangchon-enp, Gimpo-si
Gyeonggi-do
Republic of Korea

Test report no: 1220

Test period: 2020-08-17 – 2022-02-28

Product name: iSober S Pro, AC-018, iSober 70, ACE Supreme

Serial number: 200723003, 200723001, 200723002, 200723004, 200723005

Test Standard: EN 15964:2011

Test result: The following table shows the test result, with reference to detailed documentation in appendix.

Test element	Lab	Result	Appendix
5.2 Hygiene	MHF	Pass	1&2
5.3 Electrical safety	MHF	Pass	1&2
6.1 General requirements	MHF	Pass	1&2
6.3 Measurement range	MHF	Pass	1&2
6.4.1 Temperature	MHF	Pass	1&2
6.4.2 Humidity	MHF	Pass	1&2
6.5 Ease of use	MHF	Pass	1&2
6.6 Breath sampling method	MHF	Pass	1&2
6.7.1 Units of measurement	MHF	Pass	1&2
6.7.2 Rounding	MHF	Pass	1&2
6.7.3 Display	MHF	Pass	1&2
6.8 Adjustment	MHF	Pass	1&2
6.9 Start-up time	MHF	Pass	1&2
6.10 Frequency of measurement	MHF	Pass	1&2
6.11 Power supply duration	MHF	Pass	1&2
6.12 Data storage	MHF	Pass	1&2
6.13 General device functions	MHF	Pass	1&2
7.4.2 Accuracy testing	MHF	Pass	1&2
7.4.3 Repeatability testing	MHF	Pass	1&2
7.4.4 Drift testing	MHF	Pass	1&2
7.5.1 Hysteresis	MHF	Pass	1&2
7.5.2 Effect of water vapour (condensation)	MHF	Pass	1&2
7.6.2 Operating temperature	MHF	Pass	1&2
7.6.3 Ambient relative humidity	MHF	Pass	1&2
7.6.4 Interfering substances	MHF	Pass	1&2
7.6.5.2 Minimum volume test	MHF	Pass	1&2
7.6.5.3 Influence of volume and time duri..	MHF	Pass	1&2
7.6.5.4 Influence of flowrate and time....	MHF	Pass	1&2
7.6.5.5 Influence of variation of alcohol...	MHF	Pass	1&2
7.6.5.6 Influence of pressure and flowrate..	MHF	Pass	1&2
7.6.6 Voltage variation	MHF	Pass	1&2
7.6.7 Power supply duration	MHF	Pass	1&2
7.7.2.1 Mechanical shock	ICR	Pass	5
7.7.2.2 Vibration at fixed frequency	ICR	Pass	3
7.7.2.3 Random vibrations	ICR	Pass	3
7.7.2.4 Free fall	MHF	Pass	1&2
7.7.3.1 Cold	MHF	Pass	1&2
7.7.3.2 Dry heat	MHF	Pass	1&2
7.7.3.3 Damp heat	MHF	Pass	1&2

7.8.2 Electrostatic discharge	ONE	Pass	4
7.8.3 Immunity to radiated electric fields	ONE	Pass	4
8 Marking	MHF	Pass	1&2
9 Operating instructions	MHF	Pass	1&2

Possible annotations are shown in the test protocol document appendix 1 and 2.

Test result:

Approved In all tests according to EN 15964:2011. With classification according to the specifications above.

Appendix:

No 1: Test protocol document for alcometer no: 308:03
 No 2: Test protocol document for alcometer no: 308:04
 No 3: ICR test report no ICRT-TR-1200989-0A
 No 4: Onetech test report no QT-211-REK-007
 No 5: ICR test report nr ICRT-TR-1210485-0A



Akkred. nr. 2012
 Provning
 ISO/IEC 17025

Tibro 2022-02-28

Tomas Jonsson
CEO

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