

testo Saveris

multifunction handle

testo Saveris multifunction handle
for the portable and flexible recording of
measurement parameters



Plug-in probes allow temperature as well as cooking oil measurements

Probes can be exchanged in seconds

Ergonomic design and robust construction

Transfers measurement values directly by Bluetooth to the testo Saveris Control Unit.

Waterproof (IP65)



Bluetooth

With the plug-in probes, the testo Saveris multifunction handle is a convenient measuring instrument for the fast measurement of temperatures and cooking oil quality. Thanks to the innovative product concept, the probes can be exchanged quickly, allowing even more efficient work. The wall mount and case (optional) ensure that the handle and probes are either always ready to hand or safely stowed.

Depending on the application, various probes are available:

- Penetration probes: Core temperature measurement with an especially fine penetration tip for minimal penetration punctures in the product.

- Air probe: Measurement of the air temperature with the help of an extra thin cable which can also be fitted between a refrigerator and the refrigerator door.
- Surface probe: Temperature measurement directly on surfaces, e.g. grills.
- TC adapter: Readout of temperature values from built-in sensors, e.g. for validating equipment.
- Cooking oil probe: Determination cooking oil quality based on TPM value.

All measurement values are transferred directly by tamper-proof Bluetooth from the multifunction handle to the testo Saveris Control Unit.

Technical data/accessories

testo Saveris multifunction handle

Multifunction handle with Bluetooth for the portable recording of measurement parameters such as temperatures and cooking oil quality (incl. batteries and wall mount)



Order no. 0560 1010

Technical data testo Saveris multifunction handle

Storage temperature	-20 to +70 °C
Operating temperature	-20 to +50 °C
Dimensions	170 x 50 x 37 mm
Weight	215 g
Display	LCD, 2-line
Battery type	4x AA Mignon cells
Battery life	150 days (when used as specified)
Housing material	ABS / ABS-PC fibre glass 10 %
Protection class	IP65

Accessories

Order no.

testo Saveris multifunction handle - wall mount (NSF Certified)	0554 2620
testo Saveris case	0516 2620
testo Saveris case for multifunction handle	0516 2621
testo Saveris cooking oil probe adapter (NSF Certified)	0554 2623
Protective case for the multifunction handle	0554 2630

Probes

Cooking oil probe (incl. drip tray)

Cooking oil probe incl. drip tray for the measurement of cooking oil quality, for connection to the testo Saveris multifunction handle.



Order no. 0612 1012

Technical data cooking oil tester

Temperature sensor	PTC
TPM sensor	Capacitive sensor
Measuring range	Temperature: +40 to +200 °C TPM: 0 to 40 %
Accuracy	Temperature: $\pm 1.5^{\circ}\text{C}$ TPM: $\pm 2 \%$ (+40 to +190 °C)
Resolution	Temperature: 0.1 °C TPM: 0.1 %
Operating temperature	0 to +50 °C
Ambient humidity	0 to 90 %RH
Storage temperature	-20 to +70 °C
Response time t_{90}	Approx. 30 s
Dimensions	305 x 60 x 32 mm
Weight	123 g
Protection class	IP65

Probes

Penetration temperature probe

Penetration probe for the measurement of the core temperature, for connection to the testo Saveris multifunction handle. Certified according to EN 13485

Order no. 0612 1011



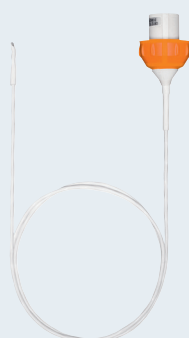
Technical data penetration temperature probe

Temperature sensor	Thermocouple Type T
Measuring range	-30 to +250 °C
Accuracy	± 0.2 °C (-20 to +70 °C) IEC 60584, Type T, Class 1 (remaining meas. range)
Resolution	0.1 °C
Operating temperature	-20 to +50 °C
Ambient humidity	10 to 90 %RH
Storage temperature	-30 to +70 °C
Response time t90	2 sec
Dimensions	145 x 33 x 33 mm; Tip diameter: 1.5 mm
Weight	15 g
Protection class	IP65

Air temperature probe

Air probe for the measurement of the ambient temperature, for connection to the testo Saveris multifunction handle. Certified according to EN 13485

Order no. 0612 1014



Technical data air temperature probe

Temperature sensor	Thermocouple Type T
Measuring range	-20 to +200 °C
Accuracy	IEC 60584, Type T, class 1
Resolution	0.1 °C
Operating temperature	-20 to +50 °C
Ambient humidity	10 to 90 %RH
Storage temperature	-30 to +70 °C
Response time t90	2 min in air at v=1 m/s
Dimensions	1050 x 32 x 32 mm; Cable length: 1 m
Weight	30 g
Protection class	IP65

Surface temperature probe

Surface probe for the measurement of surface temperatures, for connection to the testo Saveris multifunction handle.

Order no. 0612 1013 10



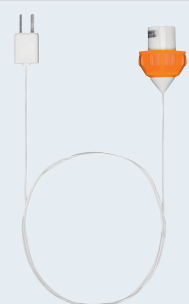
Technical data surface temperature probe

Temperature sensor	Type K thermocouple
Measuring range	-20 to +260 °C
Accuracy	IEC 60584, Type K, class 1
Resolution	0.1 °C
Operating temperature	-20 to +50 °C
Ambient humidity	10 to 90 %RH
Storage temperature	-30 to +70 °C
Response time t90	2 sec
Dimensions	405 x 60 x 55 mm
Weight	272 g
Protection class	IP65

TC adapter (Type K)

TC adapter (Type K) for equipment validation, for connection to the testo Saveris multifunction handle.

Order no. 0612 1015



Technical data TC adapter (Type K)

Measuring range	-20 to +300 °C, in conjunction with customer's own TC (Type K)
Accuracy	IEC 60584, Type K, class 1
Resolution	0.1 °C
Operating temperature	-20 to +50 °C
Ambient humidity	10 to 90 %RH
Storage temperature	-30 to +70 °C
Dimensions	1080 x 32 x 32 mm; Cable length: 1 m
Weight	25 g
Protection class	IP65

