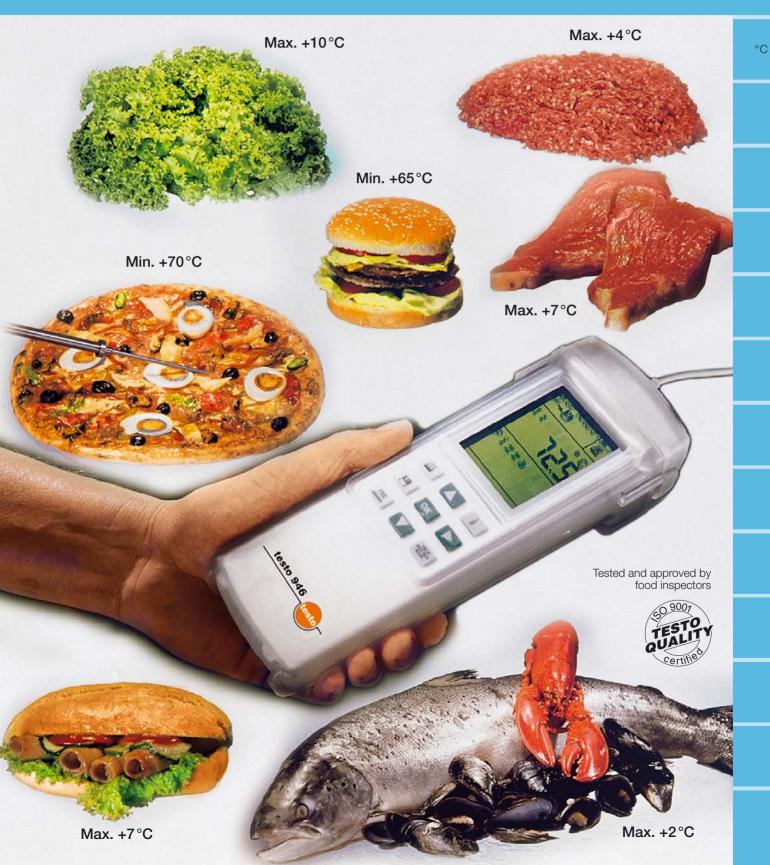


testo 946

Alarm thermometer with integrated HACCP limit values

Easy and efficient data documentation





Alarm thermometer with integrated HACCP limit values



Convenient location management/limit value monitoring

Using Testo's Comfort software, product names such as pizza, milk etc. can be saved in the instrument. The HACCP limit values for the various products can be saved in the product data base. The limit values are automatically saved once the product is selected in the instrument.

Probes for every application

- Very guick-action temperature measurement with type T probes in socket 1, e.g. readings within 2 seconds when using infrared or needle probe.
- Accurate checks in critical cases using highly accurate NTC or Pt100 probes, e.g. stainless steel food probe.

System adjustment

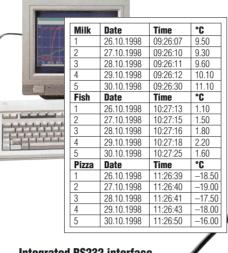
Quick food probes can be checked and any deviations can be adjusted if required, using a system calibrated by Testo consisting of a highly accurate Pt100 probe and a testo 946 instrument.



Protection for your instrument

The TopSafe case protects the measuring instrument from water, dust and impact. Ideal for use in the food sector. TopSafe can be cleaned in a dishwasher.

Analyse and print readings according to product names using **Testo ComSoft 3**



(electrically isolated)

4 line display

Prints at the touch of a

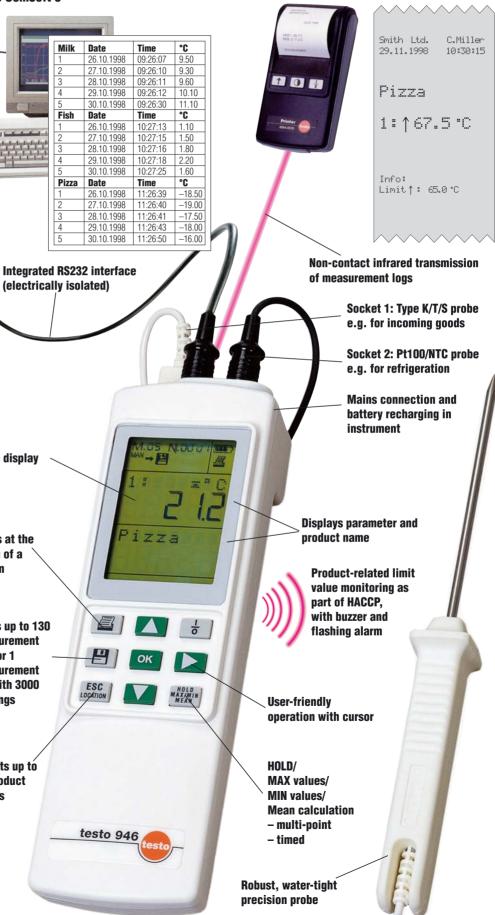
button

Saves up to 130 measurement loas or 1 measurement log with 3000

Selects up to 99 product names

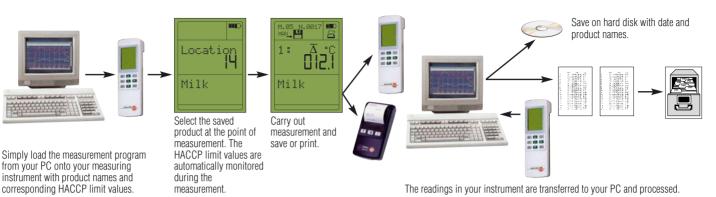
readings

Quick documentation via printout of measured data on site





Easy and reliable completion and documentation of important monitoring measurements



You can order by fax, post or telephone

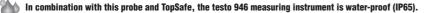
Simply copy this page, fill out quantities required and return to us by fax or post. Don't forget your name and address.

 Ordering dat 	a for measuring instrument, accessories	Part no.	
testo 946 mea	s. instr. with TopSafe, 2 channel thermometer (Type T/K/S , NTC, Pt100 thermocouple), with battery, instruction manual and factory protocol	0563.9460	
Software			
ComSoft 3 for data	management. Incl. database, analysis and graphics function, data analysis, trend curve	0554.0830	
RS232 cable, con	ects measuring instrument \leftrightarrow PC for data transmission	0409.0178	
Printer			
Testo log printer,	prints data, product names with date and time	0554.0545	
Printer paper for T	esto log printer (6 rolls)	0554.0569	
Self-adhesive pri	t ter paper for Testo log printer (6 rolls)	On request	
Battery recharge	with 4 NC rechargeable batteries for the Testo log printer, batteries are recharged externally	0554.0110	
Special sealing s	rip for needle probe 0628.0030 (4 m). For measurements in vacuum products without loss of airtightness.	0554.1030	
Additional access	ories		
Plug-in mains uni	t for mains operation and to recharge battery in instrument	0554.0088	
9 V rechargeable	battery, instead of battery	0515.0025	
TopSafe/Case			
TopSafe protects in:	trument from dirt, water (IP 65) and impact, dishwasher-proof. With bench stand, belt clip and probe clip for attaching probe to TopSafe.	0516.0442	
Transport case, fo	r safe storage of measuring instrument, TopSafe, probes and Testo log printer	0516.0445	

Qt	<i>.</i>	Incoming goods probe	Probe tip	Connection cable	Sensor	Measuring range	t ₉₉ s	Part no.
		Flexible incoming goods probe, ideal for quick temperature measurement on incoming goods			Туре Т	-50 to +350°C	5 (water)	0628.0023
		Ø 1,5 mm				Class 1	40 (air)	
		500 mm						

Qty.	Surface probe	Probe tip	Connection cable	Sensor	Measuring range	t ₉₉ s	Part no.	
	Robust, water-proof, accurate with widened measuring tip, e.g. for cooking plates	Ø 6 mm	1.2 m PVC	Type T Select	-50 to +350°C	30	0603.1992	
	T _{max} handle +70 °C Ø 4 mm		T _{max} +70 °C	NTC	-50 to +125°C	35	0613.1911	

Qty.	Air probes	Probe tip	Connection cable	Sensor	Measuring range	t ₉₉ s	Part no.	
	Robust, low cost precision probe for checking e.g. storage temperature		1.2 m PVC	TypeT Select	-50 to +350°C	25	0603.1792	
	Т _{тах} handle +70°С. Ø 4 mm		T _{max} +70°C	NTC	-50 to +125 °C	40	0613.1711	
	Flexible oven probe. Accuracy: Class 1		Insulation:	Туре Т	-50 to +250 °C	5 (water)	0603.0646	
	Ø 1,5 mm		Teflon T _{max} +250 °C		Class 1			
	2000 mm		IIIdX					





Alarm thermometer with integrated HACCP limit values

You can order by fax, post or telephone

		Simply copy this page, fill out o	quannitios ioquil								
ty.	Immersion/penetration	probes		Probe		nnection ble	Sensor	Measuring range	t ₉₉ s	Part no.	
	Robust, water-proof precision probe. T	1147	<u> </u>		1.2	m PVC	Type T Select	-50 to +350°C	7	0603.1292	
		Ø 4 mm	0			, +70°C	NTC	-50 to +125°C	10	0613.1211	
	Robust. accurate. water-proof stainless	110 mm steel food probe (IP67) with Teflon cab	le.		1.5	m Teflon	Type T Select	-50 to +350°C	7	0603.3392	
	also resistant to corrosive cleaning age					+200°C ort-term	NTC	-50 to +125°C	8		
		125 mm			+25	50°C)	-			0613.3311	
	Water-proof precision probe for quick n	measurements, bore hole not visible, ø _{3 mm} T _{max} handle +70°C	<u></u>	0		mPVC ,+70°C	Type T Select	-50 to +350°C	3	0603.2692	
		60 mm	0) mm						
	spinach fillet nieces fish	g small, thin frozen pieces such as pizza	a,	Ø 2,5		m PVC , +70°C	Туре Т	-50 to +250°C ±0,2°C	5	0628.0028	
		4 mm	0			((-20 to +70°C) Class 1			
		10 mm — I		—— 25 m			Ture T Oalaat	(rem. range)	15	0000 0007	
	Vater-proof, super-quick needle probe Very accurate measurements, bore hole		Igs etc.		1.2 T _{ma}	m PVC , +70°C	Type T Select	-50 to +250°C	1.5	0628.0027	
		Ø 1,4 mm	0								
	Water-tight, super-quick needle probe,	resistant to temperatures of up to +200	°C. Ideal for		1.2	m Teflon	Туре Т	-50 to +250°C	1.5	0628.0030	
		leasurements on vacuum products also	o possible		T _{ma}	, +200 °C ort-term		±0,2 °C (-20 to +70°C)			
						i0°C)		Class 1			
	60 m	ozen food probe (screw in probe, no dri	lling		1.2	m PVC	Type T Select	-50 to +350°C	8	0603.3292	
	Ø 8 mm rec	uired), T _{max} handle +70°C	64 ⁶ .	04		,+70°C					
	110 mm		O			m PUR , +70°C	NTC	-50 to +140°C	20	0613.3211	
	Robust food penetration				Fix		Type T	-50 to +350°C	6	0603.2492	
	probe with special handle, IP 65, reinforced, cable (PUR) and reinforced	115 mm Ø 5 mm	<u> </u>	30 n	im cab		Type I	±0,2 °C (-20 to +70°C)	0	0000.2452	
	protection from buckling	B Shim		Ø 3,5	mm			(-2010 + 70°C) Class 1 (rem. range)			
	I			Drehe	1 0 c		ahla	Meas. range/			
lty.	Immersion/penetration		lace stem	Probe	1.	nnection c	able	Accuracy	t ₉₉ s	Part no.	
	Laboratory probe, glass-coated, resista	ant to corrosive substances, screw-on gl Ø6mm	lass stem	Ø 5 I	nm 1.5	m PUR		-50 to +400 °C Class A	45 12*	0609.7072	
		200 mm]	_ 30	mm						
	Spare glass for laboratory probe									0554.7072	
	Robust, water-proof stainless steel foo	d probe with long term stable Pt100 sen Ø 4 mm	isor		1.2	m PVC		-50 to +400 °C Class A	12	0609.1272	
		110 mm	0								
Tec	chnical data	Qty. Calibration ce		n nainta	10.00 0.00	.60°C (air/i	mmoroion probas)		Part no.	
	e connection et 1: Thermocouple probe (type T/K/S)	ISO calibration cert ISO calibration cert	-			,)		0520.0001	
	et 2: NTC probe, Pt100 probe			F		.,	(* Without pro	otection glas
Tempo NTC	erature measurement	Accuracy data of se	Temperature ra		Class	Dormiccik	le tolerances		61 ⁶ .	In combina	
Measu	rring range: -50 to +150 °C	JC11501	Temperature ra	nye	61855	Fixed valu	e Referred	to temperature	0		probe and Safe, the
Resolu Accura	acy of ±0.2 °C (-25 to +74.9 °C)	Type T thermocouple, Standard	-40 to +350 °C		1 2/5 Class 1	±0.5°C	±0.004 • I	tl		testo 946 r	neasurin rument i
instrun	±0.5 % of reading	Type T thermocouple, Select	-20 to +70°C -40 to -19.9; +70.1	to +350°C	2/5 Class 1 1	±0.2°C ±0.5°C	±0.004 • I	tl		water-pro	
System	(remaining range) n accuracy**: Up to ±0.4°C	Pt100 NTC	-200 to +600 °C		A	± (0.15 + 0. ±0.4 °C	002) • Itl				
Type 1	T (Cu-CuNi) Irring range: -50 to +400 °C	NIU	-50 to -25.1 °C -25 to +74.9 °C		-	±0.2°C	ooding				
Resolu	ution: 0.1 °C	t = Temperature reading	+75 to +150 °C		-	±0.5 % of r	eaulliy				
Accura instrur	nent*: reading at +22°C	Subject to change without notice.									
System	(the larger value applies) n accuracy**: Up to ±0.5 °C			Pleas	e send n	1e:					
Pt100 Measu) Iring range: -200 to +800 °C			🗆 Inf	ormation	on Test	o`s calibrat	ion service	s		
Resolu	ution: 0.1 °C			🗆 Th	e Informa	ative Ca	talogue with	h a wide ran	ge of pi	obes for	
	Accuracy of ±0.2°C or ±0.1 % of instrument*: reading at +22°C				sto 94	6					

Necsuling large: -200 to +000 c Resolution: 0.1°C Accuracy of ±0.2°C or ±0.1 % of instrument*: reading at +22 °C (the larger value applies)		□ The Informative C testo 946	atalogue with a wide range of probes for
System accuracy**:	Up to ±0.35 °C		
Warranty: Meas. ins Typical battery life		Name	Address
Temperature probe: 4	0 – 45 h. The hour times are f 5 if a 9V battery is used.		
measuring instrumen	otal accuracy of probe and t. ogue for more information.	Company	
		Department	Date, Signature
			-