

Регистраторы данных CARL ROTH

Технические характеристики

Алматы (7273)495-231
Ангарск (3955)60-70-56
Архангельск (8182)63-90-72
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Благовещенск (4162)22-76-07
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Владикавказ (8672)28-90-48
Владимир (4922)49-43-18
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89

Иваново (4932)77-34-06
Ижевск (3412)26-03-58
Иркутск (395)279-98-46
Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Коломна (4966)23-41-49
Кострома (4942)77-07-48
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Курган (3522)50-90-47
Липецк (4742)52-20-81

Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Новокузнецк (3843)20-46-81
Ноябрьск (3496)41-32-12
Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Петрозаводск (8142)55-98-37
Псков (8112)59-10-37
Пермь (342)205-81-47

Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Саранск (8342)22-96-24
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Симферополь (3652)67-13-56
Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Сыктывкар (8212)25-95-17
Тамбов (4752)50-40-97
Тургут (3462)77-98-35
Тверь (4822)63-31-35

Тольятти (8482)63-91-07
Томск (3822)98-41-53
Тула (4872)74-02-29
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Улан-Удэ (3012)59-97-51
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Чебоксары (8352)28-53-07
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Чита (3022)38-34-83
Якутск (4112)23-90-97
Ярославль (4852)69-52-93

Россия (495)268-04-70

Казахстан (772)734-952-31

Киргизия (996)312-96-26-47

Data loggers

Data logger LOG32 series

Dostmann.

For measurement data monitoring, e.g. storage and transport conditions, production facilities, greenhouses and refrigerators.

- Pre-programmed data logger (measuring interval: 5 min), ready for immediate use
- Automatic data output as PDF file, no driver installation required
- Integrated USB port
- Windows-compatible software is available for programming the logger (e.g. measuring cycle, alarm limits, start and end times for recording), please download free of charge
- Status and alarm LEDs with audible signal



Technical specifications:

Art. No.	CCE2.1	CCE3.1
Type	LOG32T	LOG32TH
Parameters	Temperature	Temperature, Humidity
Temperature measuring range	-40 to +70 °C	
Temperature accuracy	±0.5 °C (-10 to +40 °C), ±1 °C (outside)	
Rel. humidity measuring range		0 to 100 %
Rel. humidity accuracy		±3% (40–60%), ±3.5% (20–40%, 60–80%), ±5% (outside)
Resolution	0,1 °C	0,1 °C, 0,1 %
Display	No	
Data memory	60000 datasets	
Measuring cycle	30 s to 24 h	
Port	USB	
L x W x H	100 x 19 x 19 mm	
Weight	70 g	
Power supply	3.6 V / 1/2 AA lithium battery	

Delivery incl. ISO calibration certificate, wall mount and battery.

Type	Art. No.	Pack Qty.	
LOG32T	CCE2.1	1 unit(s)	
LOG32TH	CCE3.1	1 unit(s)	



Data loggers

Data logger

Dostmann.

For monitoring and documentation of measured values during transportation and storage.

- Pre-programmed data logger (measuring interval LOG200, LOG200E: 15 min and LOG210, LOG220, LOG220E: 5 min)
- Automatic data output as PDF file, no driver installation required
- Status and alarm LEDs with audible signal
- Windows-compatible software for logger programming (e.g. measuring cycle, alarm limits); please download free of charge
- Motion sensor detects and documents vibrations (e.g. changing location or opening of windows and doors)
- Network operation possible, please order USB cable separately



Technical specifications:

Art. No.	EHX3.1	EHX4.1	EHX5.1	1ENC.1	1ENE.1
Type	LOG200	LOG210	LOG220	LOG200E	LOG220E
Parameters	Temperature	Temperature, Humidity	Temperature, Humidity, Pressure	Temperature	Temperature, Humidity, Pressure, Carbon dioxide
Temperature measuring range	-40 to +70 °C			-200 to +850 °C	
Temperature measuring range, internal	-40 to +70 °C				
Ext. temp. measuring range				-200 to +850 °C	
Temperature accuracy	±0.5 °C (-10 to +40 °C), ±1.0 °C (outside)			±0.5 °C (0 to +60 °C), ±1.0 °C (outside)	
Rel. humidity measuring range		0 to 100 %			0 to 100 %
Rel. humidity accuracy		±3.5% (20–80%), ±5% (outside)			±3.5% (20 to 80%), ±5% (outside)
Air pressure measuring range			300–1100 hPa		300–1100 hPa
Air pressure accuracy			±1 hPa (900–1100 hPa), 0.5% of end value (outside)		±1.0 hPa (900 to 1100 hPa), ±5.5 hPa (outside)
Carbon dioxide measuring range (external)					0 to 10000 ppm
Carbon dioxide accuracy					±30 ppm +3% of measured value (23 °C)
Resolution	0,1 °C	0,1 °C, 0,1 %	0,1 °C, 0,1 %, 0,1 hPa	0,1 °C	0,1 °C, 0,1 %, 0,1 hPa, 1 ppm
Display	Yes				
Data memory	150 000 measured values	100 000 measured values	60000 measured values	100000 measured values	60000 measured values
Measuring cycle	10 s to 24 h				
Port	USB				
Min./max. function	Yes				
L x W x D	91.5 x 42 x 20 mm				
Weight	83 g				
Power supply	3.6 V/½ AA lithium battery				
Mains connection	100–240 V, 50/60 Hz				

LOG200 series

Delivery incl. ISO calibration certificate, wall mount and battery.

Type	Art. No.	Pack Qty.	
LOG200	EHX3.1	1 unit(s)	
LOG210	EHX4.1	1 unit(s)	
LOG220	EHX5.1	1 unit(s)	

LOG200E series

Also includes a connection for external sensor.

Delivery incl. ISO calibration certificate, wall mount and battery. External sensor not included, please order separately.

Type	Art. No.	Pack Qty.	
LOG200E	1ENC.1	1 unit(s)	
LOG220E	1ENE.1	1 unit(s)	

Data loggers

External sensor for LOG200E series

Dostmann.



Technical specifications:

Art. No.	1ENT.1	1ENX.1	1ENY.1	1ENN.1	1ENP.1
Parameters	Temperature			Temperature, Humidity	Carbon dioxide
Temperature measuring range	-50 to +100 °C	-200 to +200 °C		-40 to +70 °C	
Temperature accuracy	Class B 1/3 DIN			±0.5 °C (0 to +60 °C), ±1.0 °C (outside)	
Rel. humidity measuring range				0 to 100 %	
Rel. humidity accuracy				±3.5% (20 to 80%), ±5% (outside)	
Carbon dioxide measuring range					0 - 5000 ppm
Carbon dioxide accuracy					±30 ppm +3% (23 °C ambient temperature)
Temperature sensor	Pt 100				
Connection	specific				
Ø x L	4 x 30 mm			15 x 43 mm	
L x W x H					75 x 35 x 17 mm
Cable length	3 m		8 m	1.8 m	

(1) Temperature gauge Pt 100

With four-conductor technology.

Temperature measuring range (°C)	Cable length (m)	Art. No.	Pack Qty.	
-50 to +100	3	1ENT.1	1 unit(s)	
-200 to +200	3	1ENX.1	1 unit(s)	
-200 to +200	8	1ENY.1	1 unit(s)	

(2) Combination measuring probe

Temperature measuring range (°C)	Rel. humidity measuring range (%)	Cable length (m)	Art. No.	Pack Qty.	
-40 to +70	0 to 100	1.8	1ENN.1	1 unit(s)	

(3) CO₂ sensor

Due to the increased power consumption, it is recommended to operate the LOG220E data logger with mains power. Please order USB cable with mains adapter separately.

Carbon dioxide measuring range	Cable length (m)	Art. No.	Pack Qty.	
0 - 5000 ppm	1.8	1ENP.1	1 unit(s)	

Accessories USB cable with mains adapter for LOG200 and LOG200E series

Dostmann.

Cable length 1 m.

Suitable for	Art. No.	Pack Qty.	
LOG200 and LOG200E series	1H24.1	1 unit(s)	



Data loggers

Data logger testo 184 series

Testo.

For monitoring sensitive products.

- With alarm management:
adjustable min/max function and cumulative alarm
- The configuration file for logger programming is stored directly on the data logger (no software installation required)
- Automatic data output as PDF file via USB port
- Mobile readout via NFC



Technical specifications:

Art. No.	CXC4.1	CXC5.1	1HX9.1
Type	testo 184 T3	testo 184 T4	testo 184 H1
Parameters	Temperature		Temperature, Humidity
Temperature measuring range	-35 to +70 °C	-80 to +70 °C	-20 to +70 °C
Temperature accuracy	±0.5 °C	±0.8 °C (-80 to -35.1 °C), ±0.5 °C (-35 to +70 °C)	±0.8 °C (-20 to 0 °C), ±0.5 °C (0 to +70 °C)
Rel. humidity measuring range			0 to 100 %
Rel. humidity accuracy			±1.8%, ±3.3% (5 to 80% at 25 °C)
Resolution	0,1 °C		0,1 °C, 0,1 %
Sensor type	NTC	Pt 1000	
Display	Yes	No	Yes
Data memory	40,000 measured values		64,000 measured values
Measuring cycle	1 min to 24 h		
Port	USB, NFC		
IP rating	67		30
Min./max. function	Yes		
W x D x H	44 x 12 x 97 mm		
Weight	45 g		
Power supply	CR 2450 coin cell battery (3 V)	ER 2450 coin cell battery (3 V)	CR 2450 coin cell battery (3 V)

Delivery incl. battery and test protocol stored on logger.

Testo 184 T3

For standard applications.

Pic.	Type	Art. No.	Pack Qty.
(1)	testo 184 T3	CXC4.1	1 unit(s)

Testo 184 T4

Specially designed for low temperatures (down to -80 °C).

Pic.	Type	Art. No.	Pack Qty.
(2)	testo 184 T4	CXC5.1	1 unit(s)

Testo 184 H1

For simultaneous monitoring of temperature and humidity.

Pic.	Type	Art. No.	Pack Qty.
(3)	testo 184 H1	1HX9.1	1 unit(s)

Data loggers



Data logger testo 174 mini series

Testo.

For monitoring climatic conditions, for example in storage, in offices and in production areas.

- With LCD display for current measured value (on the testo 174H model, the current temperature or humidity value is displayed), battery status as well as min/max values
- Optical limit alarm (freely selectable values)
- Please download windows-compatible software (logger programming, reading data, graphic and tabular representation, for printing data) free of charge.
USB interface is required for communication between the software and logger.

Technical specifications:

Art. No.	NA06.1	NA07.1
Type	testo 174T	testo 174H
Parameters	Temperature	Temperature, Humidity
Temperature measuring range	-30 to +70 °C	-20 to +70 °C
Temperature accuracy	±0.5 °C	
Rel. humidity measuring range		0 to 100 %
Rel. humidity accuracy		±3% (2–98%)
Resolution	0,1 °C	0,1 °C, 0,1 %
Display	Yes	
Data memory	16000 measured values	
Measuring cycle	1 min to 24 h	
Port	USB	
IP rating	65	20
Min./max. function	Yes	
L x W x D	60 x 40 x 20 mm	
Power supply	2x battery button CR 2032 (3 V)	

Delivery incl. wall mount, calibration protocol and batteries. USB interface is not included, please order separately.

Pic.	Type	Art. No.	Pack Qty.
(1)	testo 174T	NA06.1	1 unit(s)
(2)	testo 174H	NA07.1	1 unit(s)



Data logger testo 175 series

Testo.

Temperature monitoring of cooling and refrigeration rooms as well as long-term monitoring of working and storage areas.

- With LCD display for showing the current measured value, battery status and min/max values
- Optical limit alarm (freely selectable values)
- Please download windows-compatible software (for logger programming, reading data, graphic and tabular representation and for printing data) free of charge.
A USB cable is required for communication between the software and logger.
- Data can also be read easily using the SD card, please order separately.
Note: The SD card is only able to collect data (reprogramming is not possible).
- Long battery life using standard batteries

Technical specifications:

Art. No.	PH31.1	PH32.1
Type	testo 175 T1	testo 175 H1
Parameters	Temperature	Temperature, Humidity
Temperature measuring range	-35 to +55 °C	-20 to +55 °C
Temperature accuracy	±0.5 °C	±0.4 °C
Rel. humidity measuring range		0 to 100 %
Rel. humidity accuracy		±2% (2–98%)
Resolution	0,1 °C	0,1 °C, 1 %
Display	Yes	
Data memory	1000000 measured values	
Measuring cycle	10 s to 24 h	
Port	Mini USB, SD card slot	
IP rating	65	54
Min./max. function	Yes	
W x D x H	53 x 27 x 89 mm	53 x 27 x 149 mm
Power supply	3x battery Micro/AAA 1.5 V	

Delivery incl. wall mount, lock, calibration protocol and batteries. Software and USB cable are not included, please order separately.

Type	Art. No.	Pack Qty.
testo 175 T1	PH31.1	1 unit(s)
testo 175 H1	PH32.1	1 unit(s)



Data loggers

Data logger LOG100 series

Dostmann.

For quality control in the lab and in production, as well as for monitoring storage and transport conditions.

- LCD display for showing the current measured value, battery status, min/max and average values
- Limit alarm, audible and visual
- Integrated USB port
- Please order windows-compatible software (logger programming, data transfer, graphic and tabular representation of data) and external temperature sensor (for measuring outside temperature) separately



Technical specifications:

Art. No.	NA22.1	NK56.1	NA23.1
Type	LOG100	LOG100Cryo	LOG110
Parameters	Temperature		Temperature, Humidity
Temperature measuring range	-50 to +125 °C	-200 to +250 °C	-50 to +125 °C
Temperature measuring range, internal	-30 to +70 °C	-10 to +70 °C	-30 to +70 °C
Ext. temp. measuring range	-50 to +125 °C	-200 to +250 °C	-50 to +125 °C
Temperature accuracy	±0.5 °C (-20 to +50 °C), ±0.7 °C (outside)	±0.3 °C (-20 to +50 °C), ±0.7 °C (outside)	±0.5 °C (-10 to +40 °C), ±1.0 °C (outside)
Rel. humidity measuring range			0.1 to 99.0 %
Resolution	0.1 °C		0.1 °C, 0.1 %
Display	Yes		
Data memory	60000 measured values		
Measuring cycle	1 s to 24 h		
Port	USB		
Min./max. function	Yes		
L x W x D	88 x 55 x 20 mm		
Weight	95 g		
Power supply	Battery Button CR 2032 (3 V)		

Delivery incl. battery. Without external temperature sensor and software, please order separately.

Type	Art. No.	Pack Qty.	
LOG100	NA22.1	1 unit(s)	
LOG100Cryo	NK56.1	1 unit(s)	
LOG110	NA23.1	1 unit(s)	

Temperature gauge

Dostmann.

Technical specifications:

Art. No.	NA25.1	NK57.1
Parameters	Temperature	
Temperature measuring range	-50 to +125 °C	-200 to +250 °C
Temperature accuracy	±0.5 °C (0 to +50 °C), ±1.0 °C (outside)	±0.5 °C
Temperature sensor	NTC	Pt 1000
Connection	specific	
Ø x L	3 x 40 mm	
Cable length	3 m	

Delivery incl. connection cable.

For LOG100 and LOG110

Temperature measuring range (°C)	Cable length (m)	Art. No.	Pack Qty.	
-50 to +125	3	NA25.1	1 unit(s)	

For LOG100Cryo

Temperature measuring range (°C)	Cable length (m)	Art. No.	Pack Qty.	
-200 to +250	3	NK57.1	1 unit(s)	

Data loggers



Wireless data logger KlimaLogg Pro

Dostmann.

For monitoring temperature and humidity.

- Gateway with internal temperature and humidity sensor
- Simultaneous display of humidity and temperature values
- Max/Min display with time of day
- **Connection to up to 8 wireless transmitters is possible** via the gateway connection; please order wireless transmitters separately
- Text display with fixed serial number or individual name allocation for stored transmitters
- Custom alarm limits can be set for all channels with audio or visual alarm indication
- Datasets can be retrieved directly on the device and via PC
- Data transfer via USB wireless transceiver (range: up to 10 m)
- Windows-compatible data transfer software is available for download free of charge. Measured values can also be exported as a text file.
- Radio clock with date display
- Battery charge level indicator

Technical specifications:

Art. No.	PL21.1
Type	KlimaLogg Pro
Parameters	Temperature, Humidity
Temperature measuring range	-20 to +60 °C
Temperature accuracy	±1 °C
Rel. humidity measuring range	0 to 99 %
Rel. humidity accuracy	±3% (35 to 75%)
Resolution	0,1 °C, 1 %
Display	Yes
Measuring cycle	Adjustable in increments of 1/5/10/15/30 min or 1/2/3/6 h
Port	USB
Min./max. function	Yes
W x D x H	137 x 26 x 98 mm
Weight	147 g
Power supply	3x battery Mignon/AA 1.5 V

Delivery incl. USB wireless transceiver and batteries. Wireless transmitter not included, please order separately.

Type	Art. No.	Pack Qty.
KlimaLogg Pro	PL21.1	1 unit(s)



Accessories for KlimaLogg Pro

Dostmann.

Technical specifications:

Art. No.	PL22.1	PL23.1
Version	with internal temperature/RH sensor	with external temperature sensor
Parameters	Temperature, Humidity	Temperature
Temperature measuring range	-40 to +60 °C	
Temperature accuracy	±1 °C	
Rel. humidity measuring range	1 to 99 %	
Rel. humidity accuracy	±3% (30–75%)	
Resolution	0,1 °C, 1 %	0,1 °C
Display	Yes	
Radio range outdoors	100 m	
Cable length		3 m
W x D x H	44 x 23 x 160 mm	40 x 23 x 128 mm
Power supply	2x battery Mignon/AA 1.5 V	2x battery Micro/AAA 1.5 V

Delivery incl. batteries.

FS1 wireless transmitter

Pic.	Version	Art. No.	Pack Qty.
(1)	with internal temperature/RH sensor	PL22.1	1 unit(s)

FS2 wireless transmitter

Pic.	Version	Art. No.	Pack Qty.
(2)	with external temperature sensor	PL23.1	1 unit(s)



Data loggers



Wireless data logger for smartphones

Dostmann.

For simple monitoring of temperature/humidity at any time, any where.
For calling up data via Internet-enabled smartphones.

- For operation in a cable-based network (LAN) with Internet connection
- Data storage on a cloud
- Data access via free app (iOS 7.0 or Android™ 3.2 and later)
- **Connection to up to 50 wireless transmitters is possible via the gateway connection;** please order wireless transmitters separately
- Gateway not equipped with internal sensors
- Smartphone with camera required to scan the QR code at the transmitters
- Individual assignment of transmitter names possible
- Reception range for transmitters max. 100 m (free field)
- Freely settable alarm limit with notification in the case of an alarm
- Gateway dimensions: L 104 x W 40 x D 28 mm

Technical specifications:

Art. No.	ENN0.1
Version	Starter kit
Parameters	Temperature
Temperature measuring range	-30 to +60 °C
Temperature accuracy	±1 °C
Resolution	0,1 °C
Display	No
Data memory	90 days
Radio range outdoors	100 m
Port	LAN
Cable length	1 m
Power supply	Mains adapter for gateway, 2 x 1.5 V AAA batteries for wireless transmitters

The temperature can be monitored with the starter kit.

If the humidity also needs to be measured, please order the Profi wireless transmitter separately.

Delivery incl. Gateway unit with mains adapter, standard wireless transmitter with external temperature sensor and network cable (RAJAH).

Version	Art. No.	Pack Qty.
Starter kit	ENN0.1	1 unit(s)



Accessories for wireless data logger for smartphones

Dostmann.

Technical specifications:

Art. No.	ENN1.1	ENN2.1
Version	with external temperature sensor	with internal °C-/RH sensor and external °C sensor
Parameters	Temperature	Temperature, Humidity
Temperature measuring range	-30 to +60 °C	-50 to +110 °C
Temperature measuring range, internal		-40 to +60 °C
Ext. temp. measuring range	-30 to +60 °C	-50 to +110 °C
Temperature accuracy	±1 °C	±1 °C (inside), ±0.5 °C (outside)
Rel. humidity measuring range		0 to 99 %
Rel. humidity accuracy		±3% (30 - 80%)
Resolution	0,1 °C	0,1 °C, 0,1 %
Display	No	Yes
Data memory	90 days	18 months
Radio range outdoors	100 m	
Cable length	1 m	1.5 m
L x W x D	87 x 33 x 22 mm	
Power supply	2x battery Micro/AAA 1.5 V	

Delivery without batteries, please order separately.

Standard wireless transmitter

Pic.	Version	Art. No.	Pack Qty.
(1)	with external temperature sensor	ENN1.1	1 unit(s)

Professional wireless transmitter

Pic.	Version	Art. No.	Pack Qty.
(2)	with internal °C-/RH sensor and external °C sensor	ENN2.1	1 unit(s)

Data loggers

Wireless data logger

Testo.

Modern solution for temperature measurement and monitoring in storage, cold-storage and work rooms.

- Data transfer via WiFi
- Online data storage directly to cloud
- Measured values can be retrieved and evaluated via Internet-compatible smartphones, tablets or PCs
- Logger configuration via the testo basic cloud (free access), no software installation required
- An e-mail alert is generated if limits are exceeded



Technical specifications:

Art. No.	1H20.1	1H1Y.1	ECK0.1	ECK1.1	1H21.1	1H1X.1
Type	testo 160 TH	Saveris 2-H1	Saveris 2-T1	Saveris 2-T3	testo 160 IAQ	Saveris 2-set
Parameters	Temperature, Humidity		Temperature		Temperature, Humidity, Carbon dioxide, Pressure	Temperature
Temperature measuring range	-10 to +50 °C	-30 to +50 °C		-200 to +1350 °C	0 to +50 °C	-50 to +150 °C
Temperature measuring range, internal	-10 to +50 °C	-30 to +50 °C			0 to +50 °C	
Ext. temp. measuring range				-200 to +1350 °C		-50 to +150 °C
Temperature accuracy	±0.5 °C			±(0.5 + 0.5% of measured value) °C	±0.5 °C	
Rel. humidity measuring range	0 to 100 %				0 to 100 %	
Rel. humidity accuracy	±2% (20 to 80%), ±3% (outside)	±2%			±2% (20 to 80%), ±3% (outside)	
Air pressure measuring range					600 to 1100 mbar	
Air pressure accuracy					±3 mbar	
Carbon dioxide measuring range (external)					0–5000 ppm	
Carbon dioxide accuracy					±(50 ppm + 3% of measured value)	
Resolution	0,1 °C, 0,1 %		0,1 °C		0,1 °C, 0,1 %, 1 ppm, 1 mbar	0,1 °C
Display	No	Yes				
Data memory	16,000 per channel	10,000 per channel			8000 per channel	10,000 per channel
Measuring cycle	15 min – 24 h					
Port	WiFi					
IP rating	20	30	65	54	20	65
Reports	manual (.pdf/.csv)					
L x W x D	76 x 64 x 22 mm	115 x 83 x 31 mm	95 x 75 x 30.5 mm		117 x 82 x 32 mm	95 x 75 x 30.5 mm
Weight	94 g	250 g	240 g		260 g	240 g
Power supply	4x battery Micro/AAA 1.5 V	4x battery Mignon/AA 1.5 V				
Mains connection					100–240 V, 50/60 Hz	

Saveris 2-T1

With integrated NTC temperature sensor.

Delivery incl. basic cloud access, micro USB cable, wall mount with lock, calibration protocol and batteries.

Type	Art. No.	Pack Qty.	
Saveris 2-T1	ECK0.1	1 unit(s)	

Saveris 2-T3

With two connections for external TE temperature sensors.

Delivery incl. basic cloud access, micro USB cable, wall mount with lock, calibration protocol and batteries. External temperature sensor is not included, please order separately.

Type	Art. No.	Pack Qty.	
Saveris 2-T3	ECK1.1	1 unit(s)	



Data loggers

Saveris 2-set

For temperature monitoring in fridges and freezers: Safe and convenient.

- With 2 external NTC temperature sensors
- Special ribbon cables prevent damage to door seals
- Included vials can be filled with glycol. If the sensors are immersed, they act as a temperature limiter and compensate for brief temperature fluctuations

Delivery incl. 2x NTC temperature sensors, 2x vials, basic cloud access, micro USB cable, wall mount with lock, calibration protocol and batteries.

Type	Art. No.	Pack Qty.	
Saveris 2-set	1H1X.1	1 unit(s)	

Saveris 2-H1

With integrated temperature and humidity sensor.

Delivery incl. basic cloud access, micro USB cable, wall mount with lock, calibration protocol and batteries.

Type	Art. No.	Pack Qty.	
Saveris 2-H1	1H1Y.1	1 unit(s)	

Testo 160 TH

Small shape, unobtrusive design. With integrated temperature and humidity sensor.

Delivery incl. basic cloud access, micro USB cable, wall mount with lock, calibration protocol and batteries.

Type	Art. No.	Pack Qty.	
testo 160 TH	1H20.1	1 unit(s)	

Testo 160 IAQ

Ideal for monitoring room air quality. Integrated sensors for temperature, air humidity, CO₂ and atmospheric pressure precisely determine the climate conditions in any room.

- Air quality shown with coloured LEDs on the data logger (traffic light system).
- Custom CO₂ limit values can be defined.
- Can be powered by the mains and batteries.

Delivery incl. basic cloud access, micro USB cable with mains adapter, wall mount with lock, calibration protocol and batteries.

Type	Art. No.	Pack Qty.	
testo 160 IAQ	1H21.1	1 unit(s)	

Temperature gauge type K for Saveris 2-T3

Testo.

With ribbon cable.

Technical specifications:

Art. No.	ECK3.1	ECK2.1
Parameters	Temperature	
Temperature measuring range	-200 to +40 °C	-40 to +220 °C
Temperature accuracy	Class 3	Class 1
Temperature sensor	TE type K	
Connection	Miniature thermoelement	
Ø x L	5 x 90 mm	5 x 60 mm
Cable length	2 m	

Delivery incl. connection cable.

Penetration probe

For temperature measurements in climatic chambers, incubators and fridges.

Temperature measuring range (°C)	Cable length (m)	Art. No.	Pack Qty.	
-40 to +220	2	ECK2.1	1 unit(s)	

Low temperature gauge

For temperature measurements in liquid nitrogen, blast freezers and freezers.

Temperature measuring range (°C)	Cable length (m)	Art. No.	Pack Qty.	
-200 to +40	2	ECK3.1	1 unit(s)	

Data loggers



Data logger SterilDisk

Dostmann.

For monitoring and recording temperature data in the pharmaceutical and medical fields and in laboratories and food production plants (e.g. for sterilisation and pasteurisation).

- High temperature range
 - Waterproof and pressure-tight
 - Housing made of food-grade steel AISI316L
 - Please download windows-compatible software (logger programming, reading data, graphic and tabular representation, printing data) free of charge.
- Please order the required disk interface with USB cable separately.
Automatic calculation of F0, Z and N values possible

Technical specifications:

Art. No.	ENE3.1
Type	SterilDisk
Parameters	Temperature
Temperature measuring range	-20 to +140 °C
Temperature accuracy	±0.2 °C (+25 to +140 °C)
Resolution	0,01 °C
Max. pressure	10 bar
Display	No
Measuring cycle	freely adjustable
Port	HS disk interface
IP rating	68
Weight	80 g
Power supply	BR 1632A coin cell battery

Delivery incl. calibration certificate and battery. Disk interface and USB cable are not included, please order separately.

Pic.	Type	Art. No.	Pack Qty.
(1)	SterilDisk	ENE3.1	1 unit(s)

Accessories for SterilDisk

Dostmann.

Battery

Designation	Art. No.	Pack Qty.
Replacement battery with seal	ENE5.1	1 unit(s)

Interface

Designation	Art. No.	Pack Qty.
Disk interface with USB cable for SterilDisk	ENE4.1	1 unit(s)



Infrared thermometer testo 826 series

Testo.

- For non-contact measuring without damaging the packaging
- For monitoring upper **or** lower limits with an visual alarm
- **Laser spot marker** for marking the measuring point
- **Audible alarm** for when limits are exceeded/fallen below

Additional features for Quicktemp 826-T4 with core temperature measurement:

- Contact side with penetration sensor
- Measures core temperatures using the thin and robust measuring tip
- Includes drill for frozen goods

Technical specifications:

Art. No.	P855.1	P857.1
Type	testo 826-T2	testo 826-T4
Parameters	Temperature	
Infrared measuring range	-50 to +300 °C	
Penetration probe measuring range		-50 to +230 °C
Resolution	0,1 °C	
Accuracy	Infrared: ±1.5 °C (-20 to +100 °C) ±2 °C (outside)	Infrared: ±1.5 °C (-20 to +100 °C) ±2 °C (outside) Penetration sensor: ±0.5 °C (-20 to +99 °C) ±1 °C or ±1% of m.v. (outside), largest value applies
Measuring distance : measuring spot ratio	6 : 1	
Emissivity	0,95	
L x W x H	148 x 34.4 x 19 mm	
Weight	80 g	
Power supply	2x battery Micro AAA 1.5 V	

Delivery incl. batteries, belt/wall holder and waterproof Top Safe (IP 67) protective case.

Type	Art. No.	Pack Qty.
testo 826-T2	P855.1	1 unit(s)
testo 826-T4	P857.1	1 unit(s)

Алматы (7273)495-231
Ангарск (3955)60-70-56
Архангельск (8182)63-90-72
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Благовещенск (4162)22-76-07
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Владикавказ (8672)28-90-48
Владимир (4922)49-43-18
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89

Иваново (4932)77-34-06
Ижевск (3412)26-03-58
Иркутск (395)279-98-46
Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Коломна (4966)23-41-49
Кострома (4942)77-07-48
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Курган (3522)50-90-47
Липецк (4742)52-20-81

Россия (495)268-04-70

Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Новокузнецк (3843)20-46-81
Ноябрьск (3496)41-32-12
Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Петрозаводск (8142)55-98-37
Псков (8112)59-10-37
Пермь (342)205-81-47

Казахстан (772)734-952-31

Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Саранск (8342)22-96-24
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Симферополь (3652)67-13-56
Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Сыктывкар (8212)25-95-17
Тамбов (4752)50-40-97
Сургут (3462)77-98-35
Тверь (4822)63-31-35

Киргизия (996)312-96-26-47

Тольятти (8482)63-91-07
Томск (3822)98-41-53
Тула (4872)74-02-29
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Улан-Удэ (3012)59-97-51
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Чебоксары (8352)28-53-07
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Чита (3022)38-34-83
Якутск (4112)23-90-97
Ярославль (4852)69-52-93