1 Time switches

With earthed plug. *Theben*
Timer 26
- Daily programme adjustable in 15 min. segments
Eltimo 020 S
- Switch-on intervals: 10 to 120 min.
- Switching capacity 3500 W
- Power reserve 500 h
- Shortest switching time: 1 min
- Digital plug-in timer with weekly program

Type	PK	Cat. No.
Timer 26	1	**9.000 030**
Eltimo 020 S	1	**9.000 031**

2 Thermohygrometer, analogue

Synthetic hair, spun metal case with dial and brass hanging ring. *TFA Dostmann*

Measuring range
Relative humidity:	0 to 100%
Temperature:	-15 to 55°C
Wieght:	105g

Dia. mm	PK	Cat. No.
100	1	**9.726 403**

3 Thermohygrometer, Klimatherm

Spun metal case with dial, separate humidity and temperature indicators, and brass hanging ring. *TFA Dostmann*

Measuring range
Relative humidity:	15 to 100%
Temperature:	0 to 40°C
Weight:	90g

Dia. mm	PK	Cat. No.
100	1	**9.726 404**

4 Thermohygrometer

Universal application thermohygrometer with outdoor probe and stand/attachment device. Accessory wall mounting (screws or adhesive tape) are available on request. *Amarell*

Specifications
Measuring range:	-50 to +70 x 0.1°C
	switchable to °F
	20 to 90 x 1% R.H.
Dimensions (WxDxH):	approx. 65mm x 20mm x 97mm

Type	PK	Cat. No.
Thermohygrometer	1	**9.235 135**

1

1 Thermohygrometer, TA 100

TFA Dostmann

- very fast humidity sensor
- dewpoint and max./min. function
- °C/°F-switchable
- Hi-Lo alarm with red warning LED

Specifications
Temperature
Measuring range: -40 to +70°C
Display resolution: 0.1°C
Accuracy: ±0.5°C (0 to 60°C) remaining range ±1°C
Humidity
Measuring range: 0 to 99% R.H.
Display resolution: 0.1%
Accuracy: ±5% (20 to 80%)
Working temperature: -40 to +70°C
Batteries: 2 x 1.5 Volt AAA
Dimensions: 105 x 105 x 44mm
Weight: 150g (incl. packaging)

Type	PK	Cat. No.
TA 100	1	**9.726 405**

2

2 Thermohygrometers, testo 608-H1/-H2

Testo

The standard testo 608-H1 hygrometer continuously measures humidity, temperaure and dew point. The testo 608-H2 precision alarm-hygrometer includes an LED alarm lamp, indicating the set point has been reached.

- With dew point calculation td and max/min display
- Humidity sensor is not affected by condensation
- Battery monitor (batteries included)

Specifications: testo 608-H1/testo 608-H2
Temperature:
Measuring range: 0 to +50°C/-10 to +70°C
Accuracy (±1 Digit):   ±0.5°C (at +25°C)
Resolution: 0.1°C
Humidity
Measuring range: +10 to +95%R.H./+2 to +98%R.H.
Accuracy (±1 Digit):   ±3%R.H./±2%R.H.
Resolution: 0.1%R.H.
Dewpoint
Measuring range: -20 to +50°C td/-40 to +70°C td
Operating temperature: 0 to +50°C/-10 to +70°C
Storage temperature: -40 to +70°C
Dimensions (WxDxH):   120 x 40 x 89mm
Weight: 168g

Type	PK	Cat. No.
testo 608-H1	1	**9.726 964**
testo 608-H2	1	**9.726 965**

We can **supply** this
manufactorer's
whole
product range !

partner of the
LLG
Lab Logistics Group

testo

E & OE.

1 Thermohygrometer testo 622 **NEW!**

1

Testo

In addition to temperature and humidity, the testo 622 also measures barometric pressure. The large, clear display indicates current readings, as well as the date and time. It thus provides all important values at a glance.

Specifications:

Meas. units:	Temperature: °C,°F
	Humidity: %rH, td, wb
	Pressure: hPa, mbar, kPa, in Hg, in H_2O, psi
Meas. range:	-10 to +60°C
	0 to 100%RH
	300 to 1200hPa
Resolution:	0.1°C
	0.1% RH
	0.1hPa
Accuracy ±1 digit:	±0.4°C
	±2%RH at +25°C (10 to 90%RH)
	±3%RH (rest of range)
	±3hPA
Display:	LCD
Measuring rate:	10secs
Alarm function:	LED alarm for too low or too high temperatur and/or humidity values
	Calibration reminder
Storage temp.:	-20 to +60°C
Oper. temp:	-10 to +60°C
Battery type:	4 x AA
Battery life:	12 months
Dimensions (L x W x H):	185 x 105 x 36mm
Weight:	240g (without batteries)

Type	PK	Cat. No.
testo 622	1	**9.718 667**

2 Data logger LOG100 for temperature and LOG 110 for humidity **NEW!**

2

Dostmann electronic

Large display for actual value, battery status display, easy to use software.
Perfect designed instrument for transportation or storage.

- quality surveillance in laboratories, at the production or in the storage
- ambient conditions in manufacturing facilities
- monitoring from storages after HACCP
- ambient conditions in power plants
- monitoring of fridges for the pharma industry

Please order Software with USB-cabel separately (9.726 413)

Specifications
Temperature

Measuring range:	-30 to +70°C
Accuracy:	0.1°C
Precision:	±0.5°C (0 to +40°C), otherwise ±0.7°C

Humidity (Art. No. 9.726 412)

Measuring range:	0 to 99% R.H.
Resolution:	0.1% R.H.
Accuracy:	±3% R.H.
Housing:	Plastic (ABS)
Battery:	1 x CR2032 3V
Dimensions:	92 x 55 x 21mm
Weight:	95g (incl. packaging)

Type	PK	Cat. No.
Temperature data logger LOG 100	1	**9.726 411**
Temperature / Humidity data logger LOG 110	1	**9.726 412**
Windows Software DE-Graph for LOG 100 and LOG 110 with USB-cabel	1	**9.726 413**
external temperature sensor, 3 x 40 mm, -50 to +120°C with 3 m wire	1	**9.726 416**
external temperature sensor, 3 x 40 mm, -50 to +120°C with 8 m wire	1	**9.726 417**

E & OE.

1

1 Thermohygrometers testo 623

NEW!

Testo

- The new testo 623 thermohygrometer displays current and past temperature and humidity values on a large, clear display.
- Histogram shows current and recent historical temperature or humidity values
- Large, highly legible display
- Curve display of the last 90 days

Specifications:

Meas. units:	Temperature: °C, °F
	Humidity: %r.F., td, wb
Meas. range:	-10 to +60°C
	0 to 100% RH
Resolution:	0.1°C
	0.1% RH
Accuracy ±1 digit:	±0.4°C
	±2% RH at +25°C (10 to 90% RH)
	±3% RH (rest of range)
	Time: ±3 minutes/year
Display:	LCD
Measuring rate:	20 secs
Alarm function:	LED alarm for too low or too high temperatur and/or humidity values
	Calibration reminder
Storage temp.:	-20 to +60°C
Oper. temp:	-10 to +60°C
Battery type:	4 x AA
Battery life:	12 months
Dimensions (L x W x H):	185 x 105 x 36mm
Weight:	240g (without batteries)

Type	PK	Cat. No.
testo 623	1	**9.718 668**

E & OE.

1 Precision handheld instruments P700 series

NEW!

For temperature, moisture and airflow.
For highly accurate temperature measurements with USB PC online interface.
(Optional: Windows SmartGraph software for graphical and tabular documentation, etc). Integral probe calibration for sensor tolerance compensation. Min.- Max.- Hold- and AVG- functions. The large LCD shows two measurements synchronously, even temperature differences can be displayed (P705, P755, P755-Log, P770).

Specifications
General (all models):
USB interface, Max-Min memory, Hold function, true average calculation over a freely selectable period, Auto-off function, measured quantities can be freely assigned to instrument channels, comprehensive calibration options (selectable 1-point, 2-point or 3-point calibration), large display with bar graph for simultaneous display of 2 measured values

P700/P705:
1/2 measurement channels (Pt100 4-wire probe, thermocouples type J, K, L, N, T, R, S), measurement ranges and accuracies: Pt100:-200 to +850°C (±0.1°C -100 to +200°C, otherwise ±0.1% of measurement value) thermocouples, DIN types (-200 to +1760°C)

P710/P715:
1/2 measurement channels (Pt100 4-wire probe, thermocouples type K, J, L, N, T), measurement ranges and accuracies: Pt100: -200 to +1370°C (±0.2°C -40 to +200°C, ±0.5 to 1000°C otherwise ±0.1°C of measurement value) Thermocouples acc. to EN 60584-1

P750/P755/P755-Log:
1/2 measurement channels (Pt100 4-wire probe, thermocouples type J, K, L, N, T, R, S, moisture, flow), measurement ranges and accuracies: Pt100: -200 to +850°C (±0.03°C -50 to +200°C, ±0.05°C -200 to +200°C, otherwise ±0.05% of measurement value), thermocouples, DIN type (types J, K, L, N, T 0 to 200°C, ±0.3°C, +200 to +1000°C ±1.0°C, otherwise ±.5°C;
type R, S ±1.0°C +0.1% of measurement value) humidity 0 to 100% R.H. (±0.5%R.H.), flow 0 to 40 m/s (±0.5% of measurement value +1.0% of final value)

P770:
2 measurement channels (Pt100, thermocouples type J, K, L, N, T, R, S, moisture, flow), measurement ranges and accuracies: Pt100: -200 to +850°C (±0.1°C -100 to +200°C, otherwise ±0.1% of measurement value) thermocouples, DIN types, humidity 0 to 100%R.H. (±0.5%R.H.), flow 0 to 40 m/s (±0.5% of measurement value)

Dimensions (L x W x D)/ weight: 200 x 85 x 40mm/300g

Type	Description	PK	Cat. No.
P700	1 channel, Pt100	1	**9.852 000**
P705	2 channel, Pt100	1	**9.852 001**
P710	1 channel	1	**9.852 002**
P715	2 channel	1	**9.852 003**
P750	1 channel, Pt100, moisture, dew piont, flow	1	**9.852 004**
P755	2 channel, Pt100, moisture, dew point, flow	1	**9.852 005**
P755-Log	2 channel, Pt100, moisture, dew point, flow, with datalogger for 6000 values	1	**9.852 006**
P770	2 channel, Pt100, moisture, dew point, flow	1	**9.852 007**
P770-Log	2 channel, Pt100, moisture, dew point, flow, with datalogger for 6000 values	1	**9.852 008**

Accessories for hand-held meters Serie P700

NEW!

Description	PK	Cat. No.	
Immersion probe Pt100, -50 to +350°C, Cl. B, 150x3mm	1	**9.851 935**	1
Immersion probe Pt100, -50 to +350°C, Cl. B, 300x3mm	1	**9.851 936**	
Immersion probe Pt100, -200 to +450°C, ±0.03°C, 150x3mm	1	**9.851 937**	
Immersion probe Pt100, -200 to +450°C, ±0.03°C, 300x3mm	1	**9.851 938**	
Insertion probe Pt100, -200 to +500°C, Cl. B, 150x4mm	1	**9.851 948**	
Immersion probe NiCr-Ni/Type K, -40°C to +1100°C, Cl. 1, 300x1.5mm	1	**9.851 949**	
Surface probe NiCr-Ni/Type K, T90 3 sec., max. +400°C, 120x6mm	1	**9.851 957**	2
Temp. / relative Humidity -40 to 80°C / 0 to 100%, 120x20mm	1	**9.851 954**	3
Airflow Turbine probe 0 to 20m/s, diam. 22 x 28mm, 150mm lg.	1	**9.851 955**	4
Software DE-Graph for 95 / 98 / 2000 / NT / Vista	1	**9.851 925**	5
Service case suitable up to 3 probes & accessories	1	**9.851 924**	
PC-Cable for USB port	1	**6.242 171**	
Power supply 230 V	1	**9.851 959**	

9.851 935   9.851 957   9.851 954   9.851 955   9.851 925

6 7 8 LOG32 Temperature/Humidity logger

- Can store up to 32000 measurements (16000 per sensor)
- Freely selectable measuring intervals from 2 seconds up to 24 hours
- battery life time approx. 2 years
- status indication using 2 x LED lamps
- built-in USB interface
- WindowsTM-compatible software (german/english/french) included
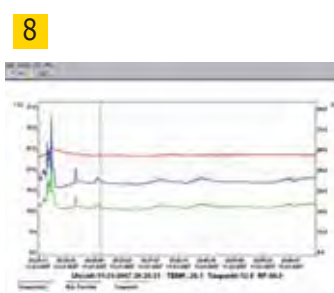- wall mounting

Applications:
Offers the best solution to record ambient humidity and temperature data of transport containers, storage, laboratory, production plant, greenhouses etc.
- quality control in laboratory, production or warehouse facilities
- monitoring warehouse and cooled transport according to HACCP
- ambient temp in power plants
- monitoring medical refrigeration equipment

Specifications
Temperature
Measuring range: -40 to +70°C
Accuracy: 0.1°C
Precision: ±1.0°C (-20 to +50°C), otherwise ±2.0°C
Humidity
Measuring range: 0 to 100%R.H.
Resolution: 0.1% R.H.
Accuracy: ±3% R.H.
Housing: Plastic (ABS)
Battery: 1 x 3.6V ½ AA Lithium
Dimensions: 130 x 30 x 25mm
Weight: 117g (incl. packaging)

Type	PK	Cat. No.
LOG32	1	**9.726 407**

358

E & OE.

1 CO_2 Meter, Air CO_2ntrol 3000

- Large display
- Measuring range: 0 to 3000ppm
- Incl. Power supply for 230 VAC
- 24-hour data logger
- Adjustable Alarm
- C°/°F-selectable
- Relay output for ventilation control

Applications:
Ideal for monitoring the environment (CO_2 concentration) in public buildings, such as universities, schools
- Hospitals
- Education
- Office
- Production plants
- Public Facilities

Specifications
CO_2
Range:	0 up to 3000ppm
Resolution:	1ppm (0 up to 1000ppm);
	5ppm (1000 up to 2000ppm);
	10ppm (<2000ppm)
Accuracy:	50ppm or 5%, larger value applies

Temperature
Range:	0 up to +50°C
Resolution:	0.1°C
Accuracy:	±1% or 1°C, larger value applies
Display:	7 segment LCD(twin-lined)
Housing:	Plastic (ABS)
Supply requirements:	230 VAC adapter or 4 x AA Batteries
Dimensions:	165 x 80 x 23mm
Weight:	600g (incl. packaging)

Type	PK	Cat. No.
Air CO_2ntrol 3000	1	**9.726 408**

2 Aspiration psychrometer

Portable, robust and handy standard measuring instrument for psychrometric measurement of air humidity. Suitable as reference device.   *Thies*

Measuring range:	-10 to +60°C
Increments:	0.2°C
Aspirator:	Spring motor
Dimensions (Ø x H):	90 x 420mm

Type	PK	Cat. No.
Aspiration psychrometer	1	**9.726 525**

E & OE.

1 **Hygrothermograph with spring movement or quartz clock**

White plastic-coated metal casing, with high quality bimetallic temperature measuring system.

Thies

Spring movement type:

Measuring range:	0 to +40°C
	0 to 100% R.H.
Dimensions(HxTxB):	280 x 140 x 260mm
Recording:	7 days/24 hrs selectable
Humidity measuring element:	"K"

Quartz clock type:

Measuring range:	-10 to +50°C/10 to 100% R.H.
Operation period:	1, 7 and 31 days selectable

Other measuring ranges are available on request.

Type	PK	Cat. No.
Spring clock	1	**9.726 560**
Quartz clock	1	**9.726 531**
Quartz clock, with plastic hood	1	**9.726 533**

2 **Weather station, Diva Plus**

TFA Dostmann

- transmission of outdoor temperature and humidity via up to 3 transmitters (max. 100m)
- indication of indoor temperature and humidity,
- Max./min. function
- weather forecast, tendency of atmospheric pressure, bar graph indication of atmospheric pressure of the last 24 hours
- radio controlled clock with date, time zone ±12 hrs
- interchangeable °C/°F display
- wall or table mounting

Supplied with: Outdoor temperature and humidity transmitter, batteries 5 x 1.5V AA.

Specifications
Temperature range

outdoors:	-40 to +60°C (-14 to 140°F)
indoors:	-10 to +60°C (-4 to 140°F)
Humidity:	1 to 99%
Dimensions basis station:	180 x 100 x 35mm
Dimensions transmitter:	160 x 43 x 28mm
Weight:	520g

Type	PK	Cat. No.
Diva Plus	1	**9.726 410**

3 **Weather info center, Meteotime Star**

NEW!

Weather info center "meteotime star" weather forecast via DCF signal made by professional meteorologists for 470 cities (90 meteorological weather regions) in Europe, 60 regions with 4 days forecast (today + 3 days), 30 regions with 2 days forecast, separated into day and night with expected highest and lowest temperatures, for the current day text display for critical weather situations, rain/snow/hail probability, wind velocity and direction, time for sun rising and setting, wireless transmission of outdoor temperature and humidity via transmitter (max. 30m), indication of indoor temperature and humidity, max.- min.-function, radio controlled clock with date, for hanging or standing, equipment: outdoor temperature and humidity transmitter, batteries 2 x 1.5V AA display station, 2 x 1.5V AA transmitter.

TFA Dostmann

Specifications
Temperature range

outdoors:	-40 to +70°C
indoors:	0 to +60°C
Humidity:	1 to 99%
Dimensions basis station:	132 x 120 x 39mm
Dimensions transmitter:	101 x 56 x 24mm
Weight:	570g

Type	PK	Cat. No.
Meteotime Star	1	**9.726 420**

E & OE.

1 Wireless weather station with photo viewer, Viewer (NEW!) 1

TFA Dostmann

Colour monitor 7" optionally as photo viewer, weather station with weather icons, graphics and texts, weather station with photo or monthly calendar with photo digital viewer with zoom, rotation, slide show mode (with 13 variable transition effects, slide duration and display format), weather station with transmission of outdoor temperature and humidity via up to 3 transmitters (868 MHz, max. 30m), indication of indoor and outdoor temperature and humidity with trend pointers, weather forecast with weather symbols, absolute atmospheric pressure with tendency and bar graph indication of the last 6 hours, radio controlled clock with alarm and date, moon phase, indication of dew point and heat index (temperature sensitivity in combination with humidity) for indoor and outdoor, temperature range reversible °C/°F, simple intuitive operation with IR remote control or on the unit, languages: English, German, French, supported image files: JPEG, memory devices: SD, MMC USB Memory Stick (up to 32 GB), on/off timer for saving energy, for wall mounting or table standing with stand, equipment: power adapter, outdoor temperature and humidity transmitter with 2 x 1.5 V AAA batteries, IR remote control with CR2025 button cell battery.

Specifications

Temperature range	
outdoors:	-20 to +60°C
indoors:	0 to +50°C
Humidity:	20 to 99%
Dimensions basis station:	161 x 235 x 41mm
Dimensions transmitter:	91 x 66 x 33mm
Weight:	1200g

Type	PK	Cat. No.
Viewer	1	**9.726 414**

2 Weather info center, Nexus (NEW!) 2

TFA Dostmann

Transmission of outdoor values wireless (max. 100m), display of outdoor temperature and humidity, rainfall quantity, wind velocity and direction, indoor temperature and humidity with comfort level indicator, absolute and relative atmospheric pressure with 24 hours history, weather forecast and tendency of atmospheric pressure, bar graph indication of atmospheric pressure, temperature or humidity for the last 24 hours, calculation of Windchill factor and dew point, max.-min.-function, programmable alarm functions for certain weather conditions like temperature alarm, storm warning, radio controlled clock with different alarms and snooze function, display of date and weekday (6 languages), time of sun rising and setting, indication of moon phase, data memory for 3000 weather records, PC- Interface with analysis software package, LED Backlight with light sensor (in continuous operation with power adapter), measuring range temperature reversible °C/°F, for hanging or standing, equipment: thermo-hygro-sensor, wind sensor (solar), rain sensor, CD-ROM (English/German), USB cable, power adapter 7.5 V AC/DC, batteries 4 x 1.5 V AA display station, 2 x 1.5 V AA thermo-hygro-sensor, rechargeable battery wind sensor, 2 x 1.5 V AA rain sensor, expandable up to 5 thermo-hygro-sensors.

Specifications

Temperature range	
outdoors:	-40 to +80°C
indoors:	-10 to +60°C
Humidity:	1 to 99%
Dimensions basis station:	220 x 165 x 32mm
Weight:	2670g

Type	PK	Cat. No.
Nexus	1	**9.726 421**