Архангельск (8182)63-90-72 Астана (7172)727-132 Астрахань (8512)99-46-04 Барнаул (3852)73-04-60 Белгород (4722)40-23-64 Брянск (4832)59-03-52 Владивосток (423)249-28-31 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

**И**жевск (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 **К**раснодар (861)203-40-90 Красноярск (391)204-63-61 Курск (4712)77-13-04 Липецк (4742)52-20-81

Киргизия (996)312-96-26-47 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 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

Пермь (342)205-81-47 Ростов-на-Дону (863)308-18-15 Рязань (4912)46-61-64 Самара (846)206-03-16 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

Казахстан (772)734-952-31

Сургут (3462)77-98-35 Тверь (4822)63-31-35 Томск (3822)98-41-53 Тула (4872)74-02-29 Тюмень (3452)66-21-18 Ульяновск (8422)24-23-59 Уфа (347)229-48-12 Хабаровск (4212)92-98-04 Челябинск (351)202-03-61 Череповец (8202)49-02-64 Ярославль (4852)69-52-93

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# Технические характеристики на регистраторы температуры и влажности (гигротермографы)



## **TEMPERATURE**

## Hygro-Thermograph

#### Part number: 1.0660.xx.xxx

The housing consists of a plastic-metal combination. The axes are supported by pivot bearings. Two different models are available regarding the drum clockwork drive:

- 1. Mechanical drum clockwork with hand wound drive for the temperature range from -35 ... +80 °C (for model 1.0660 / 664..)
- 2. Battery-operated quartz clockwork for the temperature range from -20  $\dots$  +60 °C (for model 1.0665..)

Included in delivery:

- 1 set (100 sheets) strip chats
- 2 pieces felt pens



## **Specification**

### Part number: 1.0660.xx.xxx

Temperature		
Accuracy	±1% of the m. r.	
	+1 scale division	
	@ 65% rel. h. and room temperature	
Rel. Humidity		
Graduation	5 % rel. H.	
General		
Recording width	2 x 82 mm	
Period of registration	1 day or	
	7 days	
Weight	2.7 kg	

### **Versions**

### As per 1.0660.xx.xxx, but:

### Product number 1.0660.00.000

Temperature		
Measuring range	-35 +45 °C	
Graduation	1 °C	
Rel. Humidity		
Measuring range	10 100 % rel. h.	
Accuracy	± 2% rel. h. +1 scale devision @ 65 % rel. h. and room temperature )	



Meas. element	H (Human hairs)		
Product number 1.0660.00.005			
Temperature			
Measuring range	-20 +60 °C		
Graduation	1 °C		
Rel. Humidity			
Measuring range	10 100 % rel. h.		
Accuracy	± 2% rel. h. +1 scale devision @ 65 % rel. h. and room temperature)		
Meas. element	H (Human hairs)		
Product number 1.0660.00.011			
Temperature			
Measuring range	-10 +50 °C		
Graduation	1 °C		
Rel. Humidity	1		
Measuring range	10 100 % rel. h.		
Accuracy	± 2% rel. h. +1 scale devision @ 65 % rel. h. and room temperature )		
Meas. element	H (Human hairs)		
Product number 1.0660.00.012			
Temperature			
Measuring range	-10 +40 °C		
Graduation	1 °C		
Rel. Humidity			
Measuring range	10 100 % rel. h.		
Accuracy	± 2% rel. h. +1 scale devision @ 65 % rel. h. and room temperature)		
Meas. element	H (Human hairs)		
Product number 1.0660.00.014			
Temperature			
Measuring range	0 +40 °C		
Graduation	0.5 °C		
Rel. Humidity			
Measuring range	10 100 % rel. h.		
Accuracy	± 2% rel. h. +1 scale devision @ 65 % rel. h. and room temperature )		
Meas. element	H (Human hairs)		
Product number 1.0660.00.015			
Temperature			
Measuring range	0 +50 °C		
Graduation	0.5 °C		



Measuring range	10 100 % rel. h.		
Accuracy	± 2% rel. h.		
	+1 scale devision @ 65 % rel. h. and room temperature )		
Meas. element	H (Human hairs)		
Product number 1.0660.00.01	6		
Temperature			
Measuring range	0 +60 °C		
Graduation	1 °C		
Rel. Humidity			
Measuring range	10 100 % rel. h.		
Accuracy	± 2% rel. h. +1 scale devision @ 65 % rel. h. and room temperature )		
Meas. element	H (Human hairs)		
Product number 1.0660.00.01	7		
Temperature			
Measuring range	0 +80 °C		
Graduation	1 ℃		
Rel. Humidity			
Measuring range	10 100 % rel. h.		
Accuracy	± 2% rel. h. +1 scale devision @ 65 % rel. h. and room temperature )		
Meas. element	H (Human hairs)		
Product number 1.0660.02.01	4		
Temperature			
Measuring range	0 +40 °C		
Graduation	0.5 °C		
Rel. Humidity			
Measuring range	0 100 % rel. h.		
Accuracy	± 3% rel. h. +1 scale devision @ 65 % rel. h. and room temperature )		
Meas. element	K (synthetic fibers)		
Product number 1.0660.02.01	5		
Temperature			
Measuring range	0 +50 °C		
Graduation	0.5 °C		
Rel. Humidity			
Measuring range	0 100 % rel. h.		
Accuracy	± 3% rel. h. +1 scale devision @ 65 % rel. h. and room temperature )		
Meas. element	K (synthetic fibers)		
Product number 1.0660.02.01			



Measuring range	0 +60 °C	
Graduation	1 ℃	
Rel. Humidity		
Measuring range	0 100 % rel. h.	
Accuracy	± 3% rel. h.	
	+1 scale devision @ 65 % rel. h. and room temperature )	
Meas. element	K (synthetic fibers)	
Product number 1.0660.02.017		
Temperature		
Measuring range	0 +80 °C	
Graduation	1 °C	
Rel. Humidity		
Measuring range	0 100 % rel. h.	
Accuracy	± 3% rel. h.	
	+1 scale devision @ 65 % rel. h. and room temperature )	
Meas. element	K ( synthetic fibers )	

## Accessories

Product	Product name	Brief description	
•	Console 1.0598.10.000	Console to attach recording inst	ruments to a wall.
		Material	Varnished aluminium
		Dimension	280 x 140 mm
		Weight	0.8 kg
	Recording charts for Hygro- Thermograph 205086	Recording Charts for Hygro-Ther Registration time 7 days Measuring range -35 +40 °C Meas. element "H" (human harmonic formula form	
		Measuring range	-35 +40 °C
		Rel. Humidity	
		Meas. element	"H" ( human hairs )
		General	
		Period of registration	7 days
		Amount	100 sheets per packet



Recording charts for Hygro- Thermograph 205088	Recording Charts for Hygro-Thermograph • Registration time 7 days • Measuring range -20 +60 °C • Meas. element "H" (human hairs)		
	Temperature		
	Measuring range	-20 +60 °C	
	Rel. Humidity		
	Meas. element	"H" (human hairs)	
	General		
	Period of registration	7 days	
	Amount	100 sheets per packet	
Recording charts for Hygro- Thermograph 205092	Recording Charts for Hygro-Thermograph  • Registration time 7 days  • Measuring range -10 +50 °C  • Meas. element "H" ( human hairs )		
	Temperature		
	Measuring range	-10 +50 °C	
	Rel. Humidity		
	Meas. element	"H" ( human hairs )	
	General		
	Period of registration	7 days	
	Amount	100 sheets per packet	
Recording charts for Hygro- Thermograph 205094	Recording Charts for Hygro-Thermograph  Registration time 7 days  Measuring range 0 +40 °C  Meas. element "H" ( human hairs )		
	Temperature		
	Measuring range	0 +40 °C	
	Rel. Humidity		
	Meas. element	"H" ( human hairs )	
	General		
	Period of registration	7 days	
	Amount	100 sheets per packet	



Recording charts for Hygro- Thermograph 205097	Recording Charts for Hygro-Thermograph  • Registration time 7 days  • Measuring range 0 +40 °C  • Meas. element "K" ( synthetic fibers )		
	Temperature		
	Measuring range	0 +40 °C	
	Rel. Humidity		
	Meas. element	"K" ( synthetic fibers )	
	General		
	Period of registration	7 days	
	Amount	100 sheets per packet	
Recording charts for Hygro- Thermograph 205103	Recording Charts for Hygro-Thermograph  • Registration time 7 days  • Measuring range 0 +80 °C  • Meas. element "H" ( human hairs )		
	Temperature		
	Measuring range	0 +80 °C	
	Rel. Humidity		
	Meas. element	"H" ( human hairs )	
	General		
	Period of registration	7 days	
	Amount	100 sheets per packet	
Recording charts for Hygro- Thermograph 205112	Recording Charts for Hygro-Thermograph  Registration time 7 days  Measuring range 0 +80 °C  Meas. element "K" ( synthetic fibers )		
	Temperature		
	Measuring range	0 +80 °C	
	Rel. Humidity		
	Meas. element	"K" ( synthetic fibers )	
	General		
	Period of registration	7 days	
	Amount	100 sheets per packet	



Recording charts for Hygro- Thermograph 205123	Recording Charts for Hygro-Thermograph  • Registration time 1 day  • Measuring range 0 +40 °C  • Meas. element "H" (human hairs)		
	Temperature		
	Measuring range	0 +40 °C	
	Rel. Humidity		
	Meas. element	"H" (human hairs)	
	General		
	Period of registration	1 day	
	Amount	100 sheets per packet	
Recording charts for Hygro- Thermograph 205126	Recording Charts for Hygro-Thermograph  • Registration time 1 day  • Measuring range 0 +80 °C  • Meas. element "H" ( human hairs )		
	Temperature		
	Measuring range	0 +80 °C	
	Rel. Humidity		
	Meas. element	"H" ( human hairs )	
	General		
	Period of registration	1 day	
	Amount	100 sheets per packet	
Recording charts for Hygro- Thermograph 205131	Recording Charts for Hygro-Thermograph  Registration time 1 day  Measuring range 0 +40 °C  Meas. element "K" ( synthetic fibers )		
	Temperature		
	Measuring range	0 +40 °C	
	Rel. Humidity		
	Meas. element	"K" (synthetic fibers)	
	General		
	Period of registration	1 day	
	Amount	100 sheets per packet	



Recording charts for Hygro- Thermograph 205134	• Registration time 1 day • Measuring range 0 +80 °C		
	Temperature		
	Measuring range	0 +80 °C	
	Rel. Humidity		
	Meas. element	"K" (synthetic fibers)	
	General		
	Period of registration	1 day	
	Amount	100 sheets per packet	
Recording charts for Hygro- Thermograph 205138	Recording Charts for Hygro-Thermograph  • Registration time 1 day  • Measuring range -10 +50 °C  • Meas. element "H" ( human hairs )		
	Temperature		
	Measuring range	-10 +50 °C	
	Rel. Humidity		
	Meas. element	"H" (human hairs)	
	General		
	Period of registration	1 day	
	Amount	100 sheets per packet	
Recording charts for Hygro- Thermograph 205142	Recording Charts for Hygro-Thermograph  • Registration time 1 day  • Measuring range -35 +45 °C  • Meas. element "H" ( human hairs )		
	Temperature		
	Measuring range	-35 °C +45 °C	
	Rel. Humidity		
	Meas. element	"H" (human hairs)	
	General		
	Period of registration	1 day	
	Amount	100 sheets per packet	



Recording charts	Recording Charts for Hygro-Ther	rmograph	
for Hygro-	Registration time 1 day		
Thermograph	Measuring range -20 +60 °C		
205143	• Meas. element "H" (human hairs)		
	Temperature		
	Measuring range	-20 +60 °C	
	Rel. Humidity		
	Meas. element	"H" ( human hairs )	
	General		
	Period of registration	1 day	
	Amount	100 sheets per packet	
Felt Pen	Felt pen for recording instruments, like Hygrograph and Hygrothermograph		
500847	General		
	Color	violett	



## **TEMPERATURE**

## Hygro-Thermograph

#### Part number: 1.0665.xx.xxx

The housing consists of a plastic-metal combination. The axes are supported by pivot bearings. Two different models are available regarding the drum clockwork drive:

- 1. Mechanical drum clockwork with hand wound drive for the temperature range from -35 ... +80 °C (for model 1.0660 / 664..)
- 2. Battery-operated quartz clockwork for the temperature range from -20  $\dots$  +60 °C (for model 1.0665..)

Included in delivery:

- 1 set (100 sheets) strip chats
- 2 pieces felt pens



## **Specification**

### Part number: 1.0665.xx.xxx

Temperature	
Accuracy	±1% of the m. r.
	+1 scale division
	@ 65% rel. h. and room temperature
Rel. Humidity	
Graduation	5 % rel. F.
General	
Recording width	2 x 82 mm
Period of registration	1 day or
	7 days or
	31 days
Weight	2.7 kg

### **Versions**

### As per 1.0665.xx.xxx, but:

### Product number 1.0665.00.005

Temperature		
Measuring range	-20 +60 °C	
Graduation	1 °C	
Rel. Humidity		
Measuring range	10 100 % rel. h.	



Accuracy	± 2% rel. h. +1 scale devision @ 65 % rel. h. and room temperature )	
Meas. element	H (Human hairs)	
Product number 1.0665.00.	011	
Temperature		
Measuring range	-10 +50 °C	
Graduation	1 °C	
Rel. Humidity		
Measuring range	10 100 % rel. h.	
Accuracy	± 2% rel. h. +1 scale devision @ 65 % rel. h. and room temperature)	
Meas. element	H (Human hairs)	
Product number 1.0665.00.0	012	
Temperature	·	
Measuring range	-10 +40 °C	
Graduation	1 °C	
Rel. Humidity	1 0	
Measuring range	10 100 % rel. h.	
Accuracy	± 2% rel. h. +1 scale devision @ 65 % rel. h. and room temperature)	
Meas. element	H (Human hairs)	
Product number 1.0665.00.		
Temperature	U14	
Measuring range	0 +40 °C	
Graduation	0.5 °C	
Rel. Humidity	0.5 °C	
Measuring range	10 100 % rel. h.	
Accuracy	± 2% rel. h.	
Accuracy	+1 scale devision @ 65 % rel. h. and room temperature)	
Meas. element	H (Human hairs)	
Product number 1.0665.00.	015	
Temperature	· · ·	
Measuring range	0 +50 °C	
Graduation	0.5 °C	
Rel. Humidity	000	
Measuring range	10 100 % rel. h.	
Accuracy	± 2% rel. h. +1 scale devision @ 65 % rel. h. and room temperature )	
Meas. element	H (Human hairs)	
Product number 1.0665.00.		
Temperature		
Measuring range	0 +60 °C	
measuring range	V TOU C	



Graduation	1 °C		
Rel. Humidity			
Measuring range	10 100 % rel. h.		
Accuracy	± 2% rel. h.		
	+1 scale devision @ 65 % rel. h. and room temperature )		
Meas. element	H (Human hairs)		
Product number 1.0665.02.01	4		
Temperature			
Measuring range	0 +40 °C		
Graduation	0.5 ℃		
Rel. Humidity			
Measuring range	0 100 % rel. h.		
Accuracy	± 3% rel. h.		
	+1 scale devision @ 65 % rel. h. and room temperature )		
Meas. element	K (synthetic fibers)		
Product number 1.0665.02.01	5		
Temperature			
Measuring range	0 +50 °C		
Graduation	0.5 °C		
Rel. Humidity			
Measuring range	0 100 % rel. h.		
Accuracy	± 3% rel. h.		
	+1 scale devision @ 65 % rel. h. and room temperature )		
Meas. element	K (synthetic fibers)		
Product number 1.0665.02.01	6		
Temperature			
Measuring range	0 +60 °C		
Graduation	1 ℃		
Rel. Humidity			
Measuring range	0 100 % rel. h.		
Accuracy	± 3% rel. h.		
	+1 scale devision @ 65 % rel. h. and room temperature)		
Meas. element	K (synthetic fibers)		

## Accessories

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	Console 1.0598.10.000	Console to attach recording instruments to a wall.		
		General		
		Material	Varnished aluminium	
		Dimension	280 x 140 mm	
		Weight	0.8 kg	
	Recording charts for Hygro- Thermograph 205086	Recording Charts for Hygro-Thermograph  • Registration time 7 days  • Measuring range -35 +40 °C  • Meas. element "H" (human hairs)  Temperature		
		Measuring range	-35 +40 °C	
		Rel. Humidity		
		Meas. element	"H" (human hairs)	
		General		
		Period of registration	7 days	
		Amount	100 sheets per packet	
			<u> </u>	
	Recording charts for Hygro- Thermograph 205088	Recording Charts for Hygro-Thermograph  • Registration time 7 days  • Measuring range -20 +60 °C  • Meas. element "H" ( human hairs )		
		Temperature		
		Measuring range	-20 +60 °C	
		Rel. Humidity	T	
		Meas. element	"H" (human hairs)	
		General		
		Period of registration	7 days	
		Amount	100 sheets per packet	
	Recording charts for Hygro- Thermograph 205092	Recording Charts for Hygro-The Registration time 7 days Measuring range -10 +50 % Meas. element "H" (human harmonic temperature Measuring range	c	
		Rel. Humidity		
		Meas. element	"H" ( human hairs )	
		General		
		Period of registration	7 days	
		Amount	100 sheets per packet	



Recording charts for Hygro- Thermograph 205094	Recording Charts for Hygro-Thermograph  • Registration time 7 days  • Measuring range 0 +40 °C  • Meas. element "H" ( human hairs )		
	Temperature		
	Measuring range	0 +40 °C	
	Rel. Humidity		
	Meas. element	"H" (human hairs)	
	General		
	Period of registration	7 days	
	Amount	100 sheets per packet	
Recording charts for Hygro- Thermograph 205097	Recording Charts for Hygro-Thermograph  • Registration time 7 days  • Measuring range 0 +40 °C  • Meas. element "K" (synthetic fibers)		
	Temperature		
	Measuring range	0 +40 °C	
	Rel. Humidity		
	Meas. element	"K" ( synthetic fibers )	
	General		
	Period of registration	7 days	
	Amount	100 sheets per packet	
Recording charts for Hygro- Thermograph 205103	Recording Charts for Hygro-Thermograph  • Registration time 7 days  • Measuring range 0 +80 °C  • Meas. element "H" (human hairs)		
	Temperature		
	Measuring range	0 +80 °C	
	Rel. Humidity		
	Meas. element	"H" ( human hairs )	
	General		
	Period of registration	7 days	
	Amount	100 sheets per packet	



Recording charts for Hygro- Thermograph 205112		Recording Charts for Hygro-Thermograph  • Registration time 7 days  • Measuring range 0 +80 °C  • Meas. element "K" ( synthetic fibers )		
		Temperature		
		Measuring range	0 +80 °C	
		Rel. Humidity		
		Meas. element	"K" ( synthetic fibers )	
		General		
		Period of registration	7 days	
		Amount	100 sheets per packet	
	Recording charts for Hygro- Thermograph 205123	Recording Charts for Hygro-Thermograph  • Registration time 1 day  • Measuring range 0 +40 °C  • Meas. element "H" (human hairs)		
		Temperature		
		Measuring range	0 +40 °C	
		Rel. Humidity		
		Meas. element	"H" ( human hairs )	
		General		
		Period of registration	1 day	
		Amount	100 sheets per packet	
	Recording charts for Hygro- Thermograph 205126	Recording Charts for Hygro-Thermograph  • Registration time 1 day  • Measuring range 0 +80 °C  • Meas. element "H" ( human hairs )		
		Temperature		
		Measuring range	0 +80 °C	
		Rel. Humidity		
		Meas. element	"H" (human hairs)	
		General		
		Period of registration	1 day	
		Amount	100 sheets per packet	



	Recording charts for Hygro- Thermograph 205131	Recording Charts for Hygro-Thermograph  • Registration time 1 day  • Measuring range 0 +40 °C  • Meas. element "K" ( synthetic fibers )		
		Temperature		
		Measuring range	0 +40 °C	
		Rel. Humidity		
		Meas. element	"K" (synthetic fibers)	
		General		
		Period of registration	1 day	
		Amount	100 sheets per packet	
	Recording charts for Hygro- Thermograph 205134	Recording Charts for Hygro-Thermograph  • Registration time 1 day  • Measuring range 0 +80 °C  • Meas. element "K" ( synthetic fibers )		
		Temperature		
		Measuring range	0 +80 °C	
		Rel. Humidity		
		Meas. element	"K" ( synthetic fibers )	
		General		
		Period of registration	1 day	
		Amount	100 sheets per packet	
	Recording charts for Hygro- Thermograph 205138	Recording Charts for Hygro-Thermograph  Registration time 1 day  Measuring range -10 +50 °C  Meas. element "H" ( human hairs )		
		Temperature		
		Measuring range	-10 +50 °C	
		Rel. Humidity		
		Meas. element	"H" (human hairs)	
		General		
		Period of registration	1 day	
		Amount	100 sheets per packet	
	J.			



	Recording charts for Hygro- Thermograph 205142	Recording Charts for Hygro-Thermograph  • Registration time 1 day  • Measuring range -35 +45 °C  • Meas. element "H" (human hairs)  Temperature		
		Measuring range	-35 °C +45 °C	
		Rel. Humidity	1 55 5 11 11 15 5	
		Meas. element	"H" ( human hairs )	
		General		
		Period of registration	1 day	
		Amount	100 sheets per packet	
Recording charts for Hygro- Thermograph 205143		Recording Charts for Hygro-Thermograph  • Registration time 1 day  • Measuring range -20 +60 °C  • Meas. element "H" (human hairs)  Temperature		
		Measuring range	-20 +60 °C	
		Rel. Humidity		
		Meas, element	"H" ( human hairs )	
		General		
		Period of registration	1 day	
		Amount	100 sheets per packet	
	Recording charts for Hygro- Thermograph 205150	Recording Charts for Hygro-Thermograph  • Registration time 14 days  • Measuring range 0 +40 °C  • Meas. element "H" (human hairs)		
		Temperature		
		Measuring range	0 +40 °C	
		Rel. Humidity		
		Meas. element	"H" ( human hairs )	
		General		
		Period of registration	14 days	
		Amount	100 sheets per packet	



fo Ti	Recording charts or Hygro- Thermograph 205151	Recording Charts for Hygro-Thermograph  • Registration time 14 days  • Measuring range 0 +40 °C  • Meas. element "K" ( synthetic fibers )		
		Temperature		
		Measuring range	0 +40 °C	
		Rel. Humidity		
		Meas. element	"K" ( synthetic fibers )	
		General		
		Period of registration	14 days	
		Amount	100 sheets per packet	
fo Ti	Recording charts or Hygro- Thermograph 205153	Recording Charts for Hygro-Thermograph  • Registration time 14 days  • Measuring range -35 +45 °C  • Meas. element "H" (human hairs)		
		Temperature		
		Measuring range	-35 +45 °C	
		Rel. Humidity		
		Meas. element	"H" (human hairs)	
		General		
		Period of registration	14 days	
		Amount	100 sheets per packet	
fo Ti	Recording charts or Hygro- Thermograph 205155	Recording Charts for Hygro-Thermograph  • Registration time 14 days  • Measuring range -10 +50 °C  • Meas. element "H" ( human hairs )		
		Temperature		
		Measuring range	-10 +50 °C	
		Rel. Humidity		
		Meas. element	"H" ( human hairs )	
		General		
		Period of registration	14 days	
		Amount	100 sheets per packet	



Recording charts for Hygro- Thermograph 205158	Recording Charts for Hygro-Thermograph  • Registration time 14 days  • Measuring range -20 +60 °C  • Meas. element "H" (human hairs)		
	Temperature		
	Measuring range	-20 +60 °C	
	Rel. Humidity		
	Meas. element	"H" (human hairs)	
	General		
	Period of registration	14 days	
	Amount	100 sheets per packet	
Recording charts for Hygro- Thermograph 205160	Recording Charts for Hygro-Thermograph  • Registration time 31 days  • Measuring range 0 +40 °C  • Meas. element "H" ( human hairs )		
	Temperature		
	Measuring range	0 +40 °C	
	Rel. Humidity		
	Meas. element	"H" ( human hairs )	
	General		
	Period of registration	31 days	
	Amount	100 sheets per packet	
Recording charts for Hygro- Thermograph 205161	Recording Charts for Hygro-Thermograph  • Registration time 31 days  • Measuring range 0 +40 °C  • Meas. element "K" (synthetic fibers)		
	Temperature		
	Measuring range	0 +40 °C	
	Rel. Humidity		
	Meas. element	"K" ( synthetic fibers )	
	General		
	Period of registration	31 days	
	Amount	100 sheets per packet	



Recording charts for Hygro- Thermograph 205166		Recording Charts for Hygro-Thermograph  • Registration time 31 days  • Measuring range -10 +50 °C  • Meas. element "H" (human hairs)  Temperature		
		Measuring range	-10 +50 °C	
		Rel. Humidity	-10 +30 °C	
		Meas. element	"H" ( human hairs )	
		General		
		Period of registration	31 days	
		Amount	100 sheets per packet	
		Amount	100 Sheets per packet	
Recording charts for Hygro- Thermograph 205168		Recording Charts for Hygro-Thermograph  • Registration time 31 days  • Measuring range -20 +60 °C  • Meas. element "H" ( human hairs )		
		Temperature		
		Measuring range	-20 +60 °C	
		Rel. Humidity		
		Meas. element	"H" ( human hairs )	
		General		
		Period of registration	31 days	
		Amount	100 sheets per packet	
	Recording charts for Hygro- Thermograph 205169	Recording Charts for Thermograph  • Registration time 31 days  • Measuring range -35 +45 °C  • Meas. element "H" ( human hairs )		
		Temperature		
		Measuring range	-35 +45 °C	
		Rel. Humidity		
		Meas. element	"H" ( human hairs )	
		General		
		Period of registration	31 days	
		Amount	100 sheets per packet	



	Recording charts for Hygro- Thermograph 205280	Recording Charts for Hygro-Thermograph  • Registration time 14 days  • Measuring range 0 +80 °C  • Meas. element "H" ( human hairs )		
		Temperature		
		Measuring range	0 +80 °C	
		Rel. Humidity		
		Meas. element	"H" (human hairs)	
		General		
		Period of registration	14 days	
		Amount	100 sheets per packet	
Recording chart for Hygro- Thermograph 205281		Recording Charts for Thermograph  • Registration time 31 days  • Measuring range 0 +80 °C  • Meas. element "H" ( human hairs )		
		Temperature		
		Measuring range	0 +80 °C	
		Rel. Humidity		
		Meas. element	"H" ( human hairs )	
		General		
		Period of registration	31 days	
		Amount	100 sheets per packet	
	Recording charts for Hygro- Thermograph 205282	Recording Charts for Hygro-Thermograph  • Registration time 14 days  • Measuring range 0 +80 °C  • Meas. element "K" ( synthetic fibers )		
		Temperature		
		Measuring range	0 +80 °C	
		Rel. Humidity		
		Meas. element	"K" (synthetic fibers)	
		General		
		Period of registration	14 days	
		Amount	100 sheets per packet	



Recording charts	Recording Charts for Thermograph		
for Hygro-	Registration time 31 days		
Thermograph	• Measuring range 0 +80 °C		
205283	• Meas. element "K" ( synthetic fibers )		
	Temperature		
	Measuring range	0 +80 °C	
	Rel. Humidity		
	Meas. element	"K" ( synthetic fibers )	
	General		
	Period of registration	31 days	
	Amount	100 sheets per packet	
Felt Pen	Felt pen for recording instruments, like Hygrograph and Hygrothermograph		
500847	General		
	Color	violett	



## **TEMPERATURE**

## Hygro-Thermograph

#### Part number: 1.0664.xx.xxx

The housing consists of a plastic-metal combination. The axes are supported by pivot bearings. Two different models are available regarding the drum clockwork drive:

- 1. Mechanical drum clockwork with hand wound drive for the temperature range from -35 ... +80 °C (for model 1.0660 / 664..)
- 2. Battery-operated quartz clockwork for the temperature range from -20  $\dots$  +60 °C (for model 1.0665..)

Included in delivery:

- 1 set (100 sheets) strip chats
- 2 pieces felt pens



## **Specification**

### Part number: 1.0664.xx.xxx

Temperature		
Accuracy	±1% of the m. r.	
	+1 scale division	
	@ 65% rel. h. and room temperature	
Rel. Humidity		
Graduation	5 % rel. h.	
General		
Recording width	2 x 82 mm	
Period of registration	14 days or	
	31 days	
Weight	2.7 kg	

### **Versions**

### As per 1.0664.xx.xxx, but:

### Product number 1.0664.00.000

Temperature		
Measuring range	-35 +45 °C	
Graduation	1 ℃	
Rel. Humidity		
Measuring range	10 100 % rel. h.	
Accuracy ± 2% rel. h. +1 scale devision @ 65 % rel. h. and room temperature )		



Meas. element	lement H (Human hairs)		
Product number 1.0664.00.005			
Temperature			
Measuring range	-20 +60 °C		
Graduation	1 ℃		
Rel. Humidity			
Measuring range	10 100 % rel. h.		
Accuracy	± 2% rel. h. +1 scale devision @ 65 % rel. h. and room temperature)		
Meas. element	H (Human hairs)		
Product number 1.0664.00.011			
Temperature			
Measuring range	-10 +50 °C		
Graduation	1 °C		
Rel. Humidity			
Measuring range	10 100 % rel. h.		
Accuracy	± 2% rel. h. +1 scale devision @ 65 % rel. h. and room temperature)		
Meas. element	H (Human hairs)		
	· ( · · · · · · · · · · · · · · · · ·		
Product number 1.0664.00.014			
Temperature			
Measuring range	0 +40 °C		
Graduation	0.5 ℃		
Rel. Humidity	40.4000		
Measuring range	10 100 % rel. h.		
Accuracy	± 2% rel. h. +1 scale devision @ 65 % rel. h. and room temperature )		
Meas. element	H (Human hairs)		
Product number 1.0664.00.015			
Temperature			
Measuring range	0 +50 °C		
Graduation	0.5 °C		
Rel. Humidity	0.5 c		
Measuring range	10 100 % rel. h.		
Accuracy	± 2% rel. h. +1 scale devision @ 65 % rel. h. and room temperature )		
Meas. element	H (Human hairs)		
Product number 1.0664.00.016			
Temperature			
Measuring range	0 +60 °C		
Graduation	1 °C		



Measuring range	10 100 % rel. h.	
Accuracy	± 2% rel. h.	
	+1 scale devision @ 65 % rel. h. and room temperature )	
Meas. element H (Human hairs)		
Product number 1.0664.00.017		
Temperature		
Measuring range	0 +80 °C	
Graduation	1 °C	
Rel. Humidity		
Measuring range	10 100 % rel. h.	
Accuracy	± 2% rel. h.	
	+1 scale devision @ 65 % rel. h. and room temperature )	
Meas. element	H (Human hairs)	
Product number 1.0664.02.014		
Temperature		
Measuring range	0 +40 °C	
Graduation	0.5 °C	
Rel. Humidity		
Measuring range	0 100 % rel. h.	
Accuracy ± 3% rel. h.		
	+1 scale devision @ 65 % rel. h. and room temperature )	
Meas. element	K (synthetic fibers)	
Product number 1.0664.02.015		
Temperature		
Measuring range	0 +50 °C	
Graduation	0.5 °C	
Rel. Humidity		
Measuring range	0 100 % rel. h.	
Accuracy	± 3% rel. h. +1 scale devision @ 65 % rel. h. and room temperature )	
Meas. element	K (synthetic fibers)	
Product number 1.0664.02.017		
Temperature		
Measuring range	0 +80 °C	
Graduation	1 ℃	
Rel. Humidity		
Measuring range	0 100 % rel. h.	
Measuring range Accuracy	0 100 % rel. h. ± 3% rel. h.	



## Accessories

Product	Product name	Brief description		
	Console	Console to attach recording instruments to a wall.		
	1.0598.10.000	General		
		Material	Varnished aluminium	
		Dimension	280 x 140 mm	
		Weight	0.8 kg	
	Recording charts for Hygro- Thermograph 205150	Recording Charts for Hygro-Thermograph  • Registration time 14 days  • Measuring range 0 +40 °C  • Meas. element "H" (human hairs)  Temperature		
		Measuring range	0 +40 °C	
		Rel. Humidity		
		Meas. element	"H" ( human hairs )	
		General		
		Period of registration	14 days	
		Amount	100 sheets per packet	
	Recording charts for Hygro- Thermograph 205151	Recording Charts for Hygro-Thermograph		
		Registration time 14 days		
		Measuring range 0 +40 °C     Meas. element "K" (synthetic fibers)		
		Temperature		
		Measuring range	0 +40 °C	
		Rel. Humidity		
		Meas. element	"K" (synthetic fibers)	
		General		
		Period of registration	14 days	
		Amount	100 sheets per packet	



Recording charts for Hygro- Thermograph 205153	Recording Charts for Hygro-Thermograph  • Registration time 14 days  • Measuring range -35 +45 °C  • Meas. element "H" ( human hairs )		
	Temperature		
	Measuring range	-35 +45 °C	
	Rel. Humidity		
	Meas. element	"H" (human hairs)	
	General		
	Period of registration	14 days	
	Amount	100 sheets per packet	
Recording charts for Hygro- Thermograph 205155	Recording Charts for Hygro-Thermograph  • Registration time 14 days  • Measuring range -10 +50 °C  • Meas. element "H" (human hairs)		
	Temperature		
	Measuring range	-10 +50 °C	
	Rel. Humidity		
	Meas. element	"H" ( human hairs )	
	General		
	Period of registration	14 days	
	Amount	100 sheets per packet	
Recording charts for Hygro- Thermograph 205158	Recording Charts for Hygro-Thermograph  • Registration time 14 days  • Measuring range -20 +60 °C  • Meas. element "H" ( human hairs )		
	Temperature		
	Measuring range	-20 +60 °C	
	Rel. Humidity		
	Meas. element	"H" (human hairs)	
	General		
	Period of registration	14 days	
	Amount	100 sheets per packet	



Recording charts for Hygro- Thermograph 205160		Recording Charts for Hygro-Thermograph  • Registration time 31 days  • Measuring range 0 +40 °C  • Meas. element "H" ( human hairs )		
		Temperature		
		Measuring range	0 +40 °C	
		Rel. Humidity		
		Meas. element	"H" ( human hairs )	
		General		
		Period of registration	31 days	
		Amount	100 sheets per packet	
	Recording charts for Hygro- Thermograph 205161	Recording Charts for Hygro-Thermograph  • Registration time 31 days  • Measuring range 0 +40 °C  • Meas. element "K" (synthetic fibers)		
		Temperature		
		Measuring range	0 +40 °C	
		Rel. Humidity		
		Meas. element	"K" ( synthetic fibers )	
		General		
		Period of registration	31 days	
		Amount	100 sheets per packet	
	Recording charts for Hygro- Thermograph 205166	Recording Charts for Hygro-Thermograph  • Registration time 31 days  • Measuring range -10 +50 °C  • Meas. element "H" (human hairs)		
		Temperature		
		Measuring range	-10 +50 °C	
		Rel. Humidity		
		Meas. element	"H" (human hairs)	
		General		
		Period of registration	31 days	
		Amount	100 sheets per packet	



	Recording charts for Hygro- Thermograph 205168	Recording Charts for Hygro-Thermograph  • Registration time 31 days  • Measuring range -20 +60 °C  • Meas. element "H" (human hairs)		
		Temperature		
		Measuring range	-20 +60 °C	
		Rel. Humidity		
		Meas. element	"H" (human hairs)	
		General		
		Period of registration	31 days	
		Amount	100 sheets per packet	
	Recording charts for Hygro- Thermograph 205169	Recording Charts for Thermograph  • Registration time 31 days  • Measuring range -35 +45 °C  • Meas. element "H" ( human hairs )		
		Temperature		
		Measuring range	-35 +45 °C	
		Rel. Humidity		
		Meas. element	"H" ( human hairs )	
		General		
		Period of registration	31 days	
		Amount	100 sheets per packet	
	Recording charts for Hygro- Thermograph 205280	Recording Charts for Hygro-Thermograph  • Registration time 14 days  • Measuring range 0 +80 °C  • Meas. element "H" ( human hairs )		
		Temperature		
		Measuring range	0 +80 °C	
		Rel. Humidity		
		Meas. element	"H" ( human hairs )	
		General		
		Period of registration	14 days	
		Amount	100 sheets per packet	



Recording charts for Hygro- Thermograph 205281	Recording Charts for Thermograph  • Registration time 31 days  • Measuring range 0 +80 °C  • Meas. element "H" ( human hairs )		
	Temperature		
	Measuring range	0 +80 °C	
	Rel. Humidity		
	Meas. element	"H" ( human hairs )	
	General		
	Period of registration	31 days	
	Amount	100 sheets per packet	
Recording charts for Hygro- Thermograph 205282	Recording Charts for Hygro-Thermograph  • Registration time 14 days  • Measuring range 0 +80 °C  • Meas. element "K" (synthetic fibers)		
	Temperature		
	Measuring range	0 +80 °C	
	Rel. Humidity		
	Meas. element	"K" ( synthetic fibers )	
	General		
	Period of registration	14 days	
	Amount	100 sheets per packet	
Recording charts for Hygro- Thermograph 205283	Recording Charts for Thermogra  Registration time 31 days  Measuring range 0 +80 °C  Meas. element "K" (synthetic)  Temperature  Measuring range  Rel. Humidity  Meas. element  General  Period of registration  Amount		
Felt Pen	Felt pen for recording instruments, like Hygrograph and Hygrothermograph		
500847	General		
	Color	violett	

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