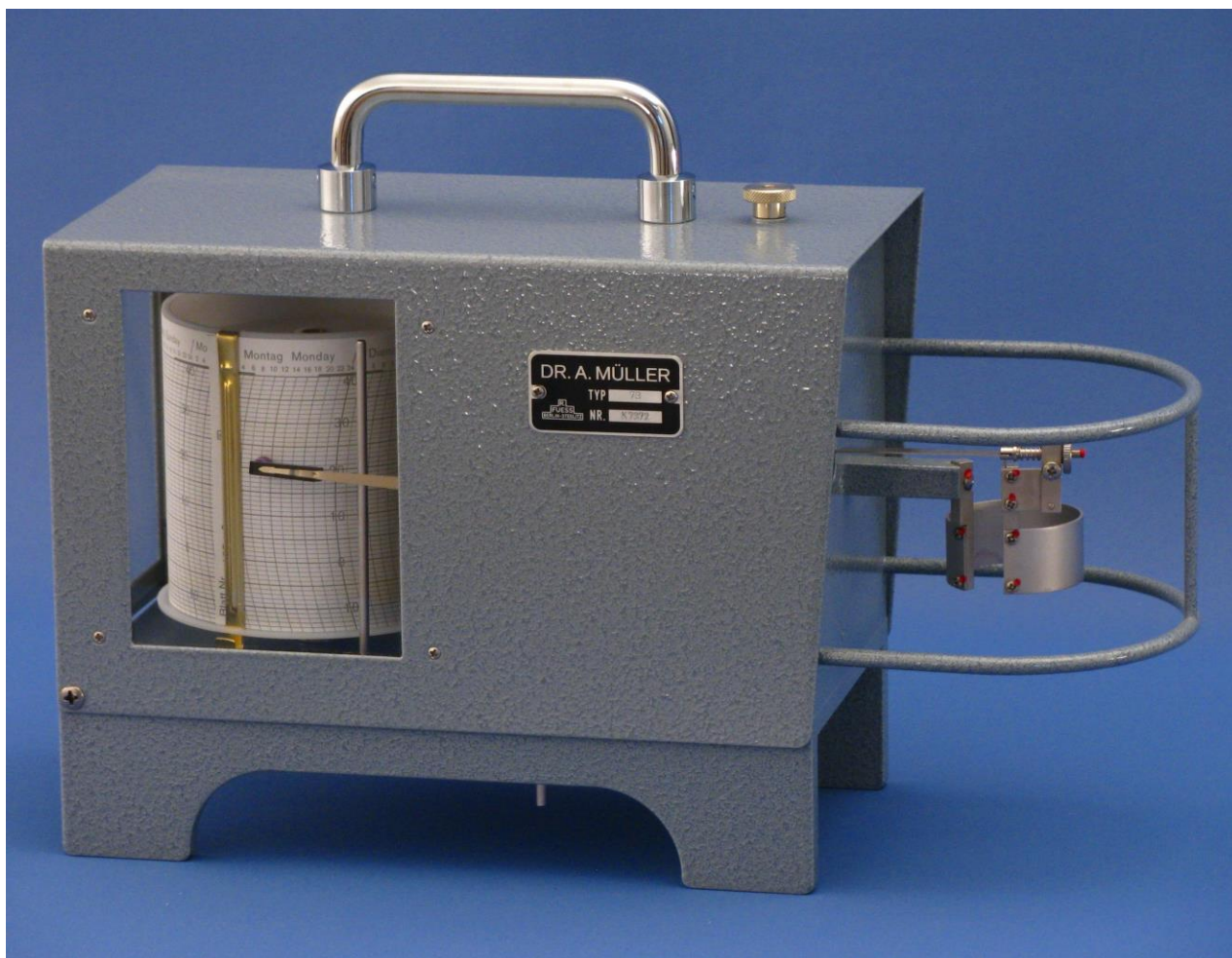


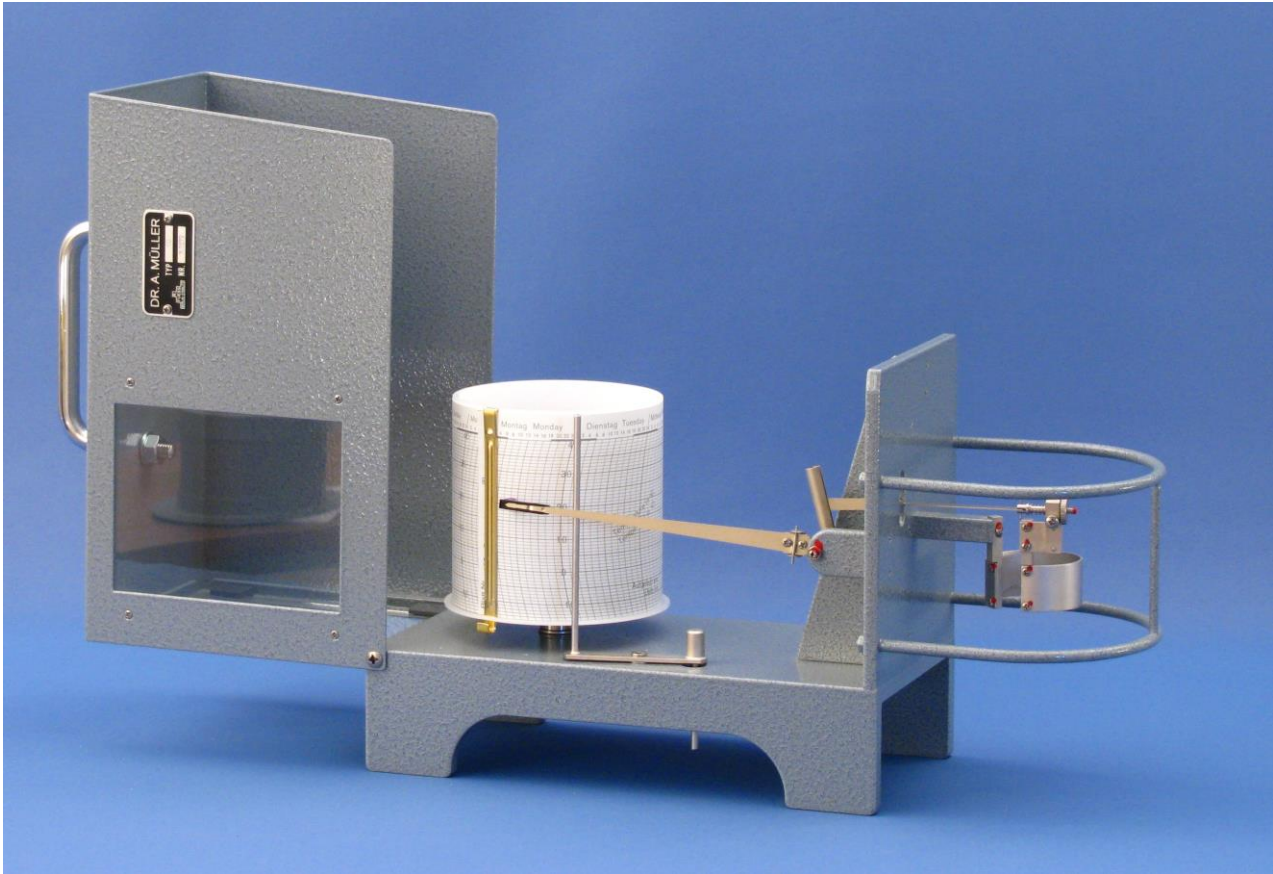
THERMOGRAPH 79



Thermograph 79 is a precision instrument for continuous recording of temperature to scientific and technical ends, for outdoors and indoors installation, alike. It is used in meteorological and climatological measurement, in aviation, in agricultural and horticultural enterprises, industrial and working premises, recreation rooms, hospitals, drying plants, refrigerating plants, storage rooms, laboratories, test stands, etc.

A measuring element serves a ring-shaped bimetal, which stretches or bends itself with changes in temperature. These changes of shape are transmitted to the arm carrying the pen, by means of a lever system. All bearing beds consist of corrosion-resistant materials. The pen rests on the chart with constant and equal pressure, by the proper weight of the pen arm and may be lifted-off from without.

The measuring element is arranged outside of the casing so that the ambient air is, unhindered, washing around it and reacts with a minimum of inertia.



The metal casing has been lacquered with an especially protective weatherproof coating of a light-gray varnish, which, owing to its smooth, shiny surface may, easily, be cleaned of dust. The upper part of the casing is flapped back for servicing. When closed, it is held by a catch lock. Time of rotation of the drum may be chosen 1 week or 1 day, according to requirements. Exchange gears to change between 1 day to 1 week are available against an extra charge.

Measuring accuracy is ± 0.2 °C, in the case of medium temperatures, and ± 0.5 °C, in the case of temperatures below zero and above 50 °C.

Specifications

No.

79 Thermograph

Recording drum : 93.3 mm diameter x 93 mm height
 Height of recording : 80 mm
 Dimensions : 350 mm width x 130 mm depth x 205 mm height
 Weight : 3.4 kg
 Accessories (included):

1 Spare-cartridge-pen,
 1 Set of charts:
 (100 charts for daily or weekly rotation)

Additional and Spare Parts

901d		Spare drum with clock-drive: for 1 day's rotation
901w		for 1 week's rotation
78wf		Spare-cartridge-pen
78q		Spare metal-pen
1095v		1 Bottle of recording ink
BG38 T029		Spare bimetal ring, for measuring extent 80°C
BG38 T028		Spare bimetal ring, for measuring extent 55°C

Charts available

Time of rotation of drum	Range °C	Chart No.	Height of recording for 1° mm	Paper-feed mm/h	1 Set Number of sheets
26 hours (1 day)	-45...+35	110a-2	1	11.2	100
	-35...+45	110-2	1		
	-25...+55	110-2g	1		
	-15...+40	138-2	1.5		
7 1/3 days (1 week)	-55...+25	11a-2	1	1.67	100
	-45...+35	103a	1		
	-35...+45	103	1		
	-30...+50	570	1		
	-25...+55	103-2k	1		
	-15...+40	135-2	1.5		
	-5...+50	136-2	1.5		

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