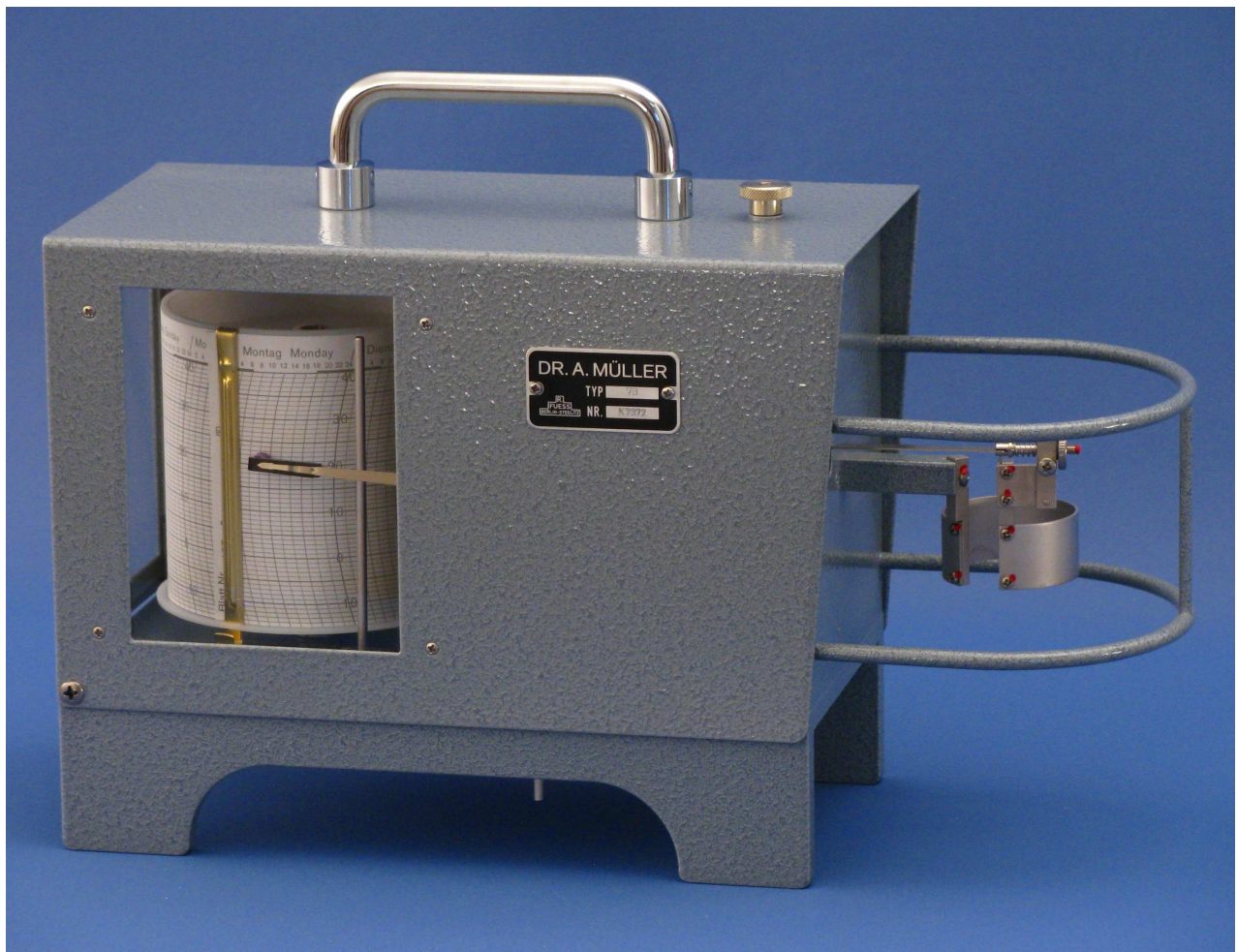


125,0 E

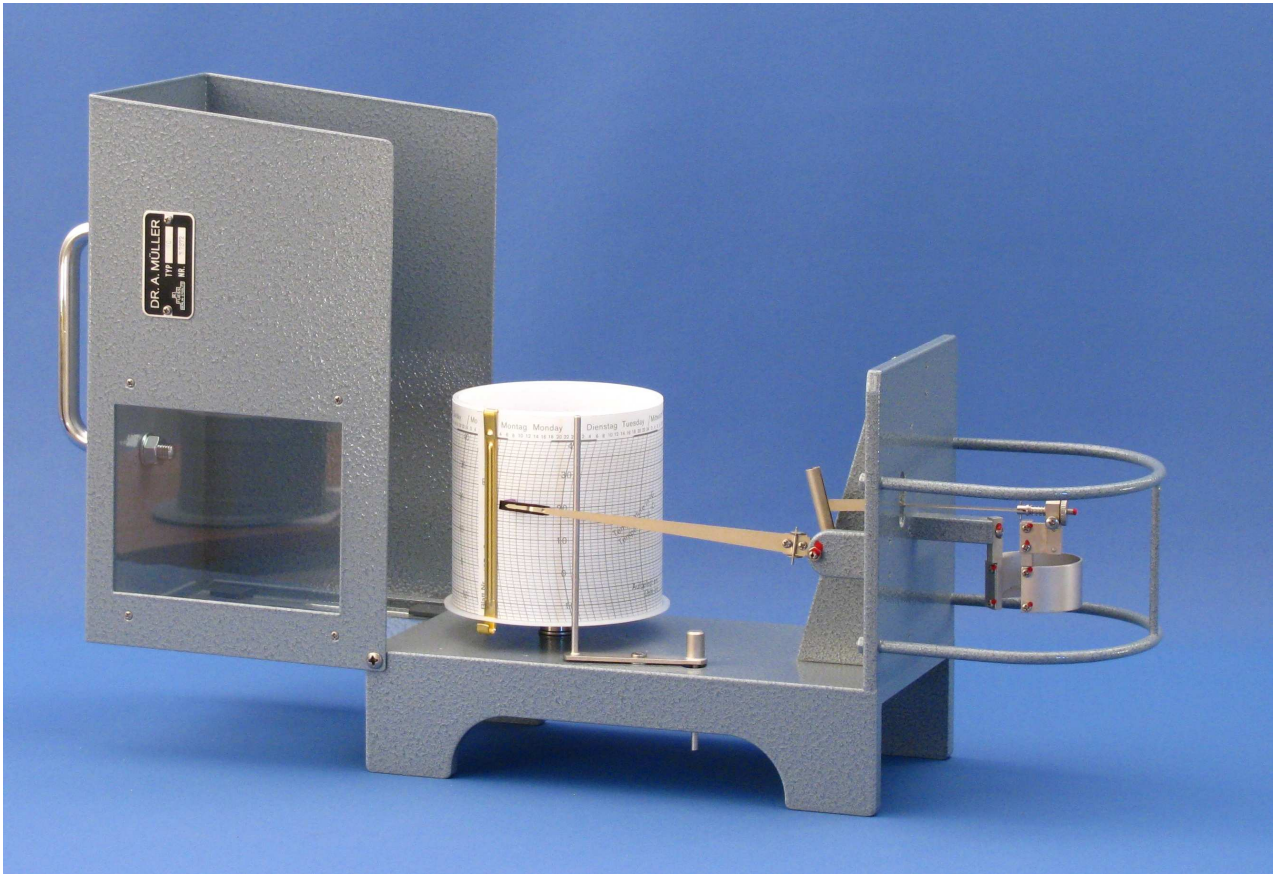
THERMOGRAPH 79



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. A reversing clock from 1 day to 1 week may be had at 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 (no extra charge):

1 Spare-cartridge-pen,
 1 Set of charts:

(100 charts for daily rotation or 54 charts for weekly rotation)

Additional and Spare Parts

901d Spare drum with clock-drive:
 for 1 day's rotation
901w for 1 week's rotation
901u Reversible 1 day to 1 week

78wfd Spare-cartridge-pen

78q Spare metal-pen
1095v 1 Bottle of recording ink

BG38 T029 (= No. 79/40) Spare bimetal ring, for measuring extent 80°C
BG38 T028 (= No. 79/50) Spare bimetal ring, for measuring extent 40°C and 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	Weight kg
26 hours	-45...+35	110a-2	1	11.2	100	0.35
	-35...+45	110-2	1			
	-25...+55	110-2g	1			
	-15...+40	138-2	1.5			
	0...+100	290	0.8			
	+5...+30	169a	3.2			
7 1/3 days	-55...+25	11a-2	1	1.67	54	0.18
	-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			
	0...+100	284	0.8			
	+5...+30	229a	3.2			

Other ranges on demand

DR. ALFRED MÜLLER
METEOROLOGISCHE INSTRUMENTE KG
 Chausseestraße 39 / 42c
 D-15712 Königs Wusterhausen

Tel.: +49 3375 9025-32
Fax: +49 3375 9025-36
e-mail: dr.a.mueller-r.fuess@t-online.de
www.rfuess-mueller.de