



DRUM RECORDER

Thermo-Hygrograph - temperature and humidity

More than 100,000 units are successfully in use world-wide!

A well done product ...

is this combination of high-quality measuring elements, housing and drum materials and highly precise clockworks. It is manually assembled, adjusted and tested. The proven natural hair grid is the most frequently used device to measure humidity.

In low (<25%) or quickly changing humidity as well as in temperatures below -10°C the Pernix®-elements are the best qualified. They guarantee for low reaction time and high quality. Especially advantageous is the use of synthetic fiber in rooms and in temperatures between -10...+40°C, since no regeneration is required.

- precision mechanics clockwork*
- clearly arranged results
- off the line

* also available with quartz clockwork with batteries

museums • galleries • libraries
• storage rooms • classical meteorology • paper industry • printing and textile industry



What is Pernix?
By a special treatment the natural hair receives a particular structure. The hair thus reacts with utmost sensitivity and in very fast responding mode to fluctuations of humidity.

Professional Line

Series (252) Thermo-Hygrographs

	Temperature		Humidity	
	high-quality aged bimetal	hair grid made of	natural hair	Pernix® synthetic fibre
Measuring elements:				
Accuracy:	± 0.3 °C	± 2 % r. h.		± 3 % r. h.
Range of application:	-40...+80 °C	with regular regeneration		without regeneration
		-35...+70 °C	-40...+80 °C	-10...+40 °C
		0...100 % r. h.		25...70 % r. h.

Varieties and measuring ranges see table.

Recording period:

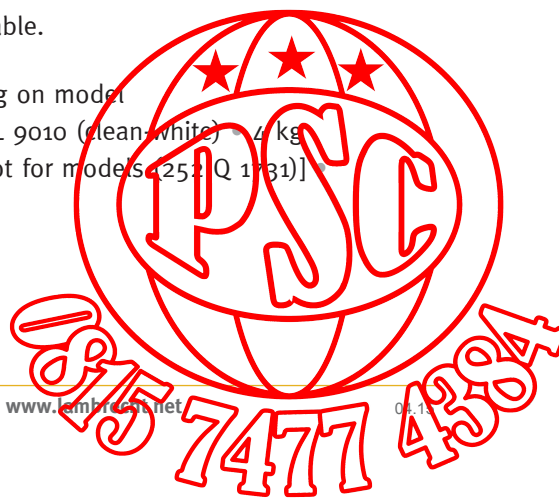
Housing/ Weight:

Included in delivery:

1 day • 7 days • 31 days – depending on model
dimensions 280 x 145 x 255 mm • RAL 9010 (clean white) • 4 kg
1 set = 100 pieces of graph paper [not for models (252) Q 1-31]
2 violet felt-tipped pens

Accessories:

Felt-tipped pens
Graph paper



Varieties of series 252:												
Id-No.	Code	Meas. range [°C]	mech. clockwork 7 days	mech. clockwork 1/7 days	mech. clockwork 31 days	Quartz clockwork 1/7/31 days	Normal hair*	Pemix®	Synthetic fibre*	Graph paper [1 set = 100 pieces, approx. 0.50 kg]		
00.02520.110 100	(252)	-35...+45	X				X			34.02520.007 000	(252 D7)	7 days
00.02520.150 100	(252 c)	-35...+45			X		X			34.02520.075 000	(252 D75)	31 days
00.02520.130 100	(252 Ua)	-35...+45		X			X			34.02520.007 000	(252 D7)	7 days
										34.02520.034 000	(252 D34)	1 day
00.02520.110 300	(252)	-20...+60	X				X			34.02520.011 000	(252 D11)	7 days
00.02520.130 300	(252 Ua)	-20...+60		X			X			34.02520.011 000	(252 D11)	7 days
										34.02520.048 000	(252 D48)	1 day
00.02520.370 600 synthetic drum	(252 QK1731)	-10...+40				X			X	34.02520.121 000	(252 D121)	7 days
										34.02520.120 000	(252 D120)	1 day
										34.02520.119 000	(252 D119)	31 days
00.02520.110 700	(252)	-10...+50	X				X			34.02520.022 000	(252 D22)	7 days
00.02520.150 700	(252 c)	-10...+50			X		X			34.02520.116 000	(252 D116)	31 days
00.02520.170 700 synthetic drum	(252 Q1731)	-10...+50				X	X			34.02520.022 000	(252 D22)	7 days
										34.02520.052 000	(252 D52)	1 day
										34.02520.116 000	(252 D116)	31 days
00.02520.110 900	(252)	0...+40	X				X			34.02520.019 000	(252 D19)	7 days
00.02520.150 900	(252 c)	0...+40			X		X			34.02520.105 000	(252 D105)	31 days
00.02520.130 900	(252 Ua)	0...+40		X			X			34.02520.019 000	(252 D19)	7 days
										34.02520.041 000	(252 D41)	1 day
00.02520.170 900 synthetic drum	(252 Q1731)	0...+40				X	X			34.02520.019 000	(252 D19)	7 days
										34.02520.041 000	(252 D41)	1 day
										34.02520.105 000	(252 D105)	31 days
00.02520.230 900	(252 UaP)	0...+40		X				X		34.02520.019 000	(252 D19)	7 days
										34.02520.041 000	(252 D41)	1 day
00.02520.370 900 synthetic drum	(252 QK1731)	0...+40				X			X	34.02520.113 000	(252 D113)	7 days
										34.02520.114 000	(252 D114)	1 day
										34.02520.115 000	(252 D115)	31 days

Other possible varieties on request.

* The measuring elements have different coefficients of extension and are thus not exchangeable among each other.
When ordering please indicate the appropriate type of spare hair grids!

