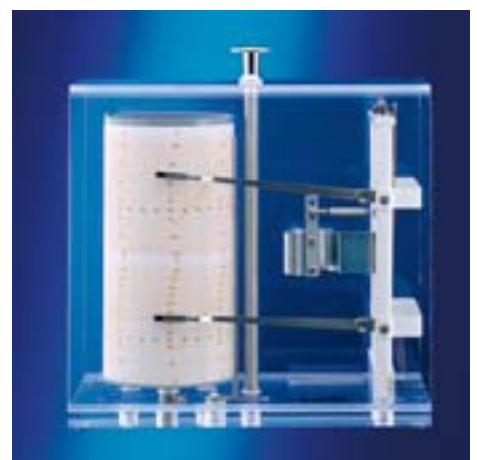


MECHANICAL INSTRUMENTS

TEMPERATURE, REL. HUMIDITY, AIR PRESSURE



Temperature/Relative Humidity-Indicators

Technical data	Ref.No.
Thermo-Hygrometer	5048.00
Dimensions	Housing diameter 130mm, Flange diameter 150mm, Housing height 37mm
Construction	Chrome-plated brass housing, dial blue (RH), dial red (Temp.)
Weight	320g
Relative humidity	
Principle	Durotherm
Measuring range	0 ... 100%RH
Accuracy	±2,5% (30...95%) RH, + 1 graduation
Resolution	1% RH
Temperature	
Principle	Bi-metal
Measuring range	-10 ... 50°C
Accuracy	±1°C (0...40°C), + 1 graduation
Resolution	1°C



Technical data	Ref.No.
Thermo-Hygrometer	5110.98 / 5110.99
Dimensions	Housing diameter 130mm, Flange diameter 150mm, Housing height 37mm
Construction	Chrome-plated brass housing
Weight	320g
Relative humidity	
Principle	5110.98 Hair 5110.99 Durotherm
Measuring range	0 ... 100% RH
Accuracy	±3% (30...95%) RH, + 1 graduation
Resolution	1% RH
Temperature	
Principle	Bi-metal
Measuring range	-10 ... 50°C
Accuracy	±1°C (0...40°C), + 1 graduation
Resolution	1°C



Technical data	Ref.No.
Thermo-Hygrometer	5251.0561
Dimensions	Dial 115mm, Housing height 33mm
Construction	Stainless steel housing
Weight	320g
Relative humidity	
Principle	Durotherm
Measuring range	20 ... 90% RH
Accuracy	±3% (30...90%) RH, + 1 graduation
Resolution	1% RH
Temperature	
Principle	Bi-metal
Measuring range	0 ... 50°C
Accuracy	±1°C (0...40°C), + 1 graduation
Resolution	1°C

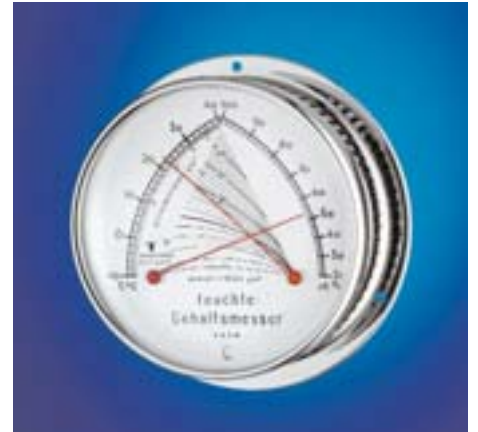


Technical data	Ref.No.
Thermo-Hygrometer	5260.00
Dimensions	Dial 115mm, Housing height 35mm
Construction	Plastic housing
Weight	200g
Relative humidity	
Principle	Durotherm
Measuring range	0 ... 90% RH
Accuracy	±3% (30...90%) RH, + 1 graduation
Resolution	1% RH
Temperature	
Principle	Bi-metal
Measuring range	0 ... 50°C
Accuracy	±1°C (0...40°C), + 1 graduation
Resolution	1°C

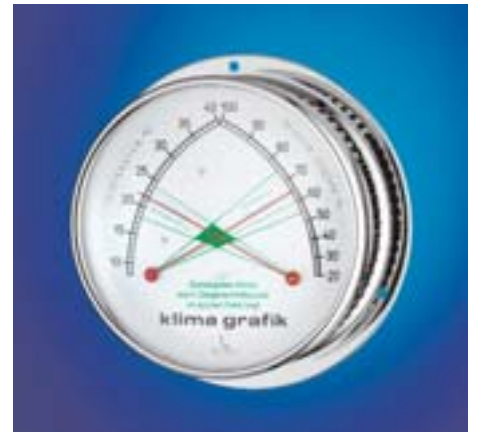


Temperature/Relative Humidity-Indicators

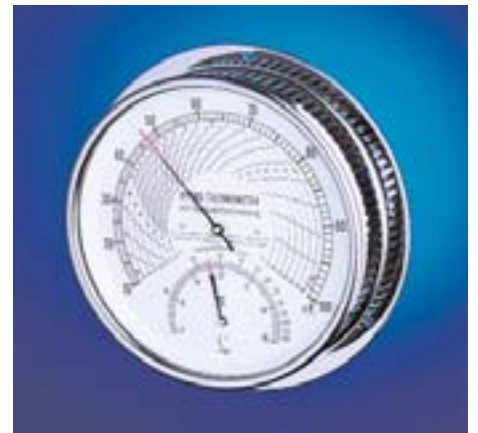
Technical data	Ref.No.
Thermo-Hygrometer	5023.00
Dimensions	Housing diameter 130mm, Flange diameter 150mm, Housing height 37mm
Construction	Chrome-plated brass housing
Weight	320g
Relative humidity	
Principle	Durotherm
Measuring range	20 ... 100% RH
Accuracy	±3% RH, + 1 graduation
Resolution	2% RH
Temperature	
Principle	Bi-metal
Measuring range	-10 ... 40°C
Accuracy	±1,5°C, + 1 graduation
Resolution	2°C
Saturation humidity	
Measuring range	2 ... 50 g/m ³



Technical data	Ref.No.
Thermo-Hygrometer	5041.00
Dimensions	Housing diameter 130mm, Flange diameter 150mm, Housing height 37mm
Construction	Chrome-plated brass housing
Weight	320g
Relative humidity	
Principle	Durotherm
Measuring range	20 ... 100% RH
Accuracy	±3% (30...95%) RH, + 1 graduation
Resolution	2% RH
Temperature	
Principle	Bi-metal
Measuring range	8 ... 40°C
Accuracy	±1,5°C, + 1 graduation
Resolution	2°C



Technical data	Ref.No.
Thermo-Hygrometer	5028.00
Dimensions	Housing diameter 130mm, Flange diameter 150mm, Housing height 37mm
Construction	Chrome-plated brass housing
Weight	320g
Relative humidity	
Principle	Durotherm
Measuring range	10 ... 100% RH
Accuracy	±2,5% (30...95%) RH, + 1 graduation
Resolution	1% RH
Taupunkt	
Measuring range	0 ... 60°C
Temperature	
Principle	Bi-metal
Measuring range	0 ... 60°C
Accuracy	±1°C (10...50°C), + 1 graduation
Resolution	1°C



Technical data	Ref.No.
Thermo-Hygrometer	5098.00
Dimensions	Dial 115mm, Ø 150mm
Construction	Base in grey painted steel, grey plastic front ring, red pointer
Weight	260g
Relative humidity	
Principle	Durotherm
Measuring range	0 ... 100 % RH
Accuracy	±3% (30...95%) RH, + 1 graduation
Resolution	1 % RH
Temperature	
Principle	Bi-metal
Measuring range	-10 ... 50 °C
Accuracy	±1°C (0...40°C), + 1 graduation
Resolution	1 °C



Temperature/Relative Humidity-Sauna-Meters

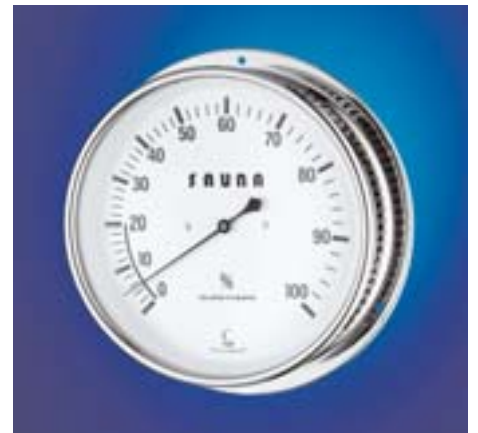
Technical data	Ref.No.
Thermo-Hygrometer	5094.00
Dimensions	Housing Ø 130mm, Flange diameter 150mm, Housing height 37mm
Construction	Chrome-plated brass housing
Weight	320g
Relative humidity	
Principle	Durotherm
Measuring range	0 ... 75% RH
Accuracy	±3% (0...60%) RH, + 1 graduation
Resolution	2% RH
Temperature	
Principle	Bi-metall
Measuring range	0 ... 120°C
Accuracy	±1°C, + 1 graduation
Resolution	2°C



Technical data	Ref.No.
Thermometer	3066.742
Dimensions	Housing Ø 130mm, Flange diameter 150mm, Housing height 37mm
Construction	Chrome-plated brass housing
Weight	320g
Temperature	
Principle	Bi-metall
Measuring range	0...120°C
Accuracy	±1,7% of Measuring range, + 1 graduation
Resolution	1°C



Technical data	Ref.No.
Hygrometer	4036.00
Dimensions	Housing Ø 130mm, Flange diameter 150mm, Housing height 37mm
Construction	Chrome-plated brass housing
Weight	210g
Relative humidity	
Principle	Durotherm
Measuring range	0 ... 100% RH
Accuracy	±2% (...20%) RH, + 1 graduation
Resolution	2% RH



Technical data	Ref.No.
Thermo-Hygrometer	5030.00
Dimensions	Housing Ø 130mm, Flange diameter 150mm, Housing height 37mm
Construction	Chrome-plated brass housing
Weight	220g
Relative humidity	
Principle	Durotherm
Measuring range	0 ... 75% RH
Accuracy	±2% (0...20%) RH, + 1 graduation
Resolution	2% RH
Temperature	
Principle	Bi-metall
Measuring range	0 ... 120°C
Accuracy	±1°C, + 1 graduation
Resolution	2°C



Temperature/Relative Humidity-Sauna-Meters

Technical data	Ref.No.
Thermo-Hygrometer	5076.00
Dimensions	Dial 115mm, Housing Ø 155mm
Construction	Wooden ring
Weight	290g
Relative humidity	
Principle	Durotherm
Measuring range	0 ... 75% RH
Accuracy	±2% (0...40%) RH, + 1 graduation
Resolution	2% RH
Temperature	
Principle	Bi-metall
Measuring range	0 ... 120°C
Accuracy	±1°C, + 1 graduation
Resolution	2°C



Technical data	Ref.No.
Thermometer	3270.00
Dimensions	Dial 125mm, Housing height 35mm
Construction	Plastic housing, anthracite
Weight	200g
Temperature	
Principle	Bi-metall
Measuring range	0...120°C
Accuracy	±1,7% of measuring range, + 1 graduation
Resolution	1°C



Technical data	Ref.No.
Thermometer	4270.99
Dimensions	Dial 125mm, Housing height 35mm
Construction	Plastic housing, anthracite
Weight	250g
Relative humidity	
Principle	Durotherm
Measuring range	0...100% RH
Accuracy	±3% (30...95%) RH, + 1 graduation
Resolution	% RH



Technical data	Ref.No.
Thermo-Hygrometer	5270.00
Dimensions	Dial 115mm, Housing height 35mm
Construction	Plastic housing, anthracite
Weight	200g
Relative humidity	
Principle	Durotherm
Measuring range	0 ... 75% RH
Accuracy	±3% (0...20%) RH, + 1 graduation
Resolution	2% RH.
Temperature	
Principle	Bi-metall
Measuring range	0 ... 120°C
Accuracy	±1°C, + 1 graduation
Resolution	2°C



Temperature/Relative Humidity-Recorders

Technical data	Ref.No.
Thermo-Hygrograph	8145.R3 / 8145.R4 / 8145.R11
Dimensions	255x130x260mm
Construction	Housing aluminium, white
Weight	3,5kg
Recording mechanism	Stainless steel
Recording mechanism axis	Aluminium anodised, stainless jewel bearing
Power supply	Battery (duration >1 year)
Clockwork	Quarz drive
Rotating time	1/7/31-days switchable
Relative humidity	
Principle	Hair / Durotherm
Measuring range	0 ... 100% RH
Accuracy	±2% (25...95%) RH, + 1 graduation
Resolution	2% RH
Temperature	
Principle	Bi-metall
Measuring range	8145.R3 -20 ... 43°C
	8145.R4 -35 ... 45°C
	8145.R11 -5 ... 58°C
	0 ... 80°C optional
Accuracy	±1°C, + 1 graduation
Resolution	1°C
Accessories	Ref.No.
Papers	
8145.R3 -20 ... 43°C, TH 31-days	8020.20684 (Hair)
TH 1/7-days	8020.20800 (Hair) / 8020.20813 (Durotherm)
8145.R4 -35 ... 45°C, TH 31-days	8020.20712 (Hair)
TH 1/7-days	8020.20808 (Hair)
8145.R11 -5 ... 58°C, TH 31-days	8020.20715 (Durotherm)
TH 1/7-days	8020.20810 (Hair) / 8020.20811 (Durotherm)
8145.R11 0...80°C, TH 1/7-days	8020.20832 (Durotherm)
Fibre-tipped pens-Set (2 pieces)	8856.00
Fibre-tipped pens-Set black (2 pieces)	8856.SCHWARZ



Technical data	Ref.No.
Thermo-Hygrograph	8147.R3 / 8147.R4 / 8147.R11
Dimensions	255x130x260mm
Construction	Housing PMMA perspex
Weight	2,4kg
Recording mechanism	Stainless steel
Recording mechanism axis	Aluminium anodised, stainless jewel bearing
Power supply	Battery (duration >1 year)
Clockwork	Quarz-drive
Rotating time	1/7/31-days switchable
Relative humidity	
Principle	Hair / Durotherm
Measuring range	0 ... 100% RH
Accuracy	±2% (25...95%) RH, + 1 graduation
Resolution	2% RH
Temperature	
Principle	Bi-metall
Measuring range	8147.R3 -20 ... 43°C
	8147.R4 -35 ... 45°C
	8147.R11 -5 ... 58°C
	0 ... 80°C optional
Accuracy	±1°C, + 1 graduation
Resolution	1°C
Accessories	Ref.No.
Papers	
8145.R3 -20 ... 43°C, TH 31-days	8020.20684 (Hair)
TH 1/7-days	8020.20800 (Hair) / 8020.20813 (Durotherm)
8145.R4 -35 ... 45°C, TH 31-days	8020.20712 (Hair)
TH 1/7-days	8020.20808 (Hair)
8145.R11 -5 ... 58°C, TH 31-days	8020.20715 (Durotherm)
TH 1/7-days	8020.20810 (Hair) / 8020.20811 (Durotherm)
8145.R11 0...80°C, TH 1/7-days	8020.20832 (Durotherm)
Fibre-tipped pens (2 pieces)	8856.00
Fibre-tipped pens black (2 pieces)	8856.SCHWARZ



Temperature/Relative Humidity/Air Pressure Baro-Thermo-Hygrograph

Technical data	Ref.No.
Baro-Thermo-Hygrograph	8075.R3
Dimensions	255x130x260mm
Construction	Aluminium housing, white
Weight	2,6kg
Recording mechanism	Stainless steel
Recording mechanism axis	Aluminium anodised, stainless jewel bearing
Power supply	Battery (duration >1 year)
Clockwork	Quarz-drive
Rotating time	1/7/31-days switchable
Absolute pressure	
Principle	8-Diaphragms-Precision work
Measuring range	974 ... 1046 hPa
Accuracy	±1,5hPa, + 1 graduation
Resolution	2 hPa
Relative humidity	
Principle	Hair
Measuring range	10 ... 100 % RH
Accuracy	±3% (20...95%) RH, + 1 graduation
Resolution	2 % r.F.
Temperature	
Principle	Bi-metall
Measuring range	-30...40°C
Accuracy	±1,5°C, + 1 graduation
Resolution	2 °C
Accessories	Ref.No.
Paper	8020.20723
	BTH 31-days, -30...40°C, Hair, hPa
	8020.20801
	BTH 1/7-days, -30...40°C, Hair, hPa
Pens	8856.00
	Fibre-tipped pens (2 pieces)
	8856.SCHWARZ
	Fibre-tipped pens black (2 pieces)



