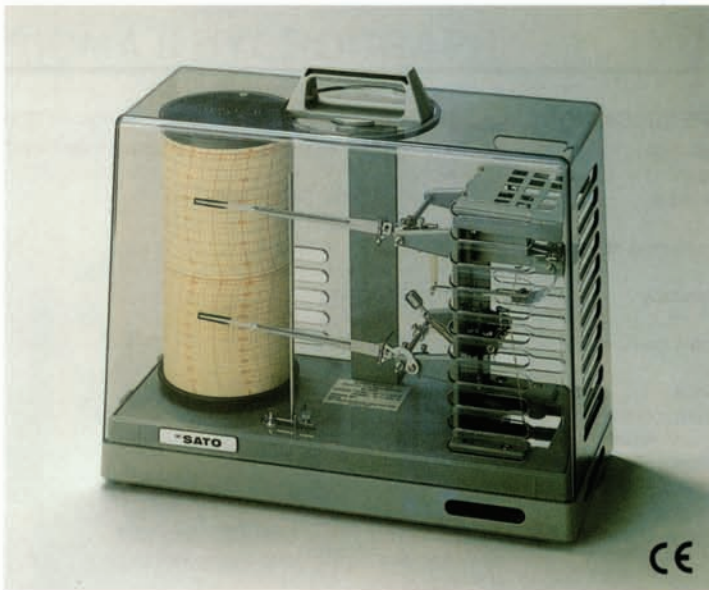


TEMPERATURE HUMIDITY

SK SATO
SATO KEIRYOKI MFG. CO., LTD.

SigmaII Thermohygrograph
Aurora90 III Thermohygrograph
Mini-Star Thermohygrograph
Mini-Alpha Thermohygrograph
Mini-Cube Thermohygrograph
SigmaII Thermograph
SigmaII Hygrograph
SigmaII Barograph
SigmaII Remote One Point Thermograph
SigmaII Remote Two Point Thermograph

SIGMA II THERMOHYGROGRAPH



SPECIFICATIONS

Cat. No.	: No. 7210-00 (Quartz type), No. 7215-00 (Spring-wound type)
Model	: NSII-Q (Quartz type), NSII-S (Spring-wound type)
Clock	: Quartz type: 1-day, 7-day and 32-day changed by switch Battery: 1.5VDC (2 "C" size batteries) Battery life: 1 year for continuous use Spring-wound type: 1-day and 7-day changed by gear
Sensors	: Aged bimetallic strip for temperature Human hair bundle for relative humidity
Measuring range	: -15 to +40°C for temperature 0 to 100% for relative humidity
Accuracy	: ±1°C for temperature ±3% for relative humidity
Chart graduation	: 1°C for temperature 1% for relative humidity
Recording pens	: Cartridge pens (violet)
Dimensions	: 336 (W) x 148 (D) x 295 (H) mm
Weight	: Approx. 3.1 kg (Quartz type) Approx. 3.5 kg (Spring-wound type)
Accessories	: 7-day chart for 1 year use (55 sheets/pad), chart holder, Instruction manual, 2 "C" size batteries (applicable to quartz type only)
Cat. No.	: No. 7211-00 (Quartz type)
Range	: -10 to 50°C for temperature 0 to 100% for relative humidity
Other specifications:	same as above.

AURORA90 III THERMOHYGROGRAPH

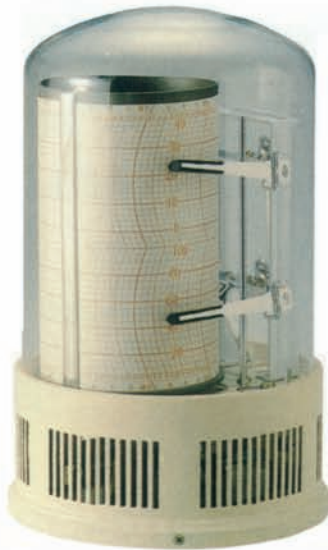


SPECIFICATIONS

Cat. No.	: No. 7012-00 (Quartz type),
Model	: AURORA-90-III
Clock	: Quartz type: Battery: 1.5VDC (2 "C" size batteries)
Recording cycle	: 1-month and 3-month
Sensors	: Aged bimetallic strip for temperature Human hair bundle for relative humidity
Measuring range	: -20 to +50°C for temperature 0 to 100% for relative humidity
Accuracy	: ±1°C for temperature ±3% for relative humidity
Chart graduation	: 1°C for temperature 1% for relative humidity
Chart speeds	: 3.2 mm/hour Min. graduation: 2 hours
Chart width	: 174mm (effective width: 156mm)
Recording pens	: Cartridge pens (violet)
Dimensions	: 336 (W) x 148 (D) x 195 (H) mm
Weight	: Approx. 3.8 kg
Accessories	: 3 rolls of 3-month chart Instruction manual, 2 pcs. of spare cartridge pen (violet), 2 "C" size batteries

SK SATO KEIRYOKI MFG. CO., LTD.

MINI-STAR THERMOHYGROGRAPH



CE

SPECIFICATIONS

Cat. No.	: No. 7005-00
Model	: Mini-Star
Sensors	: Aged bimetallic strip for temperature Human hair bundle for relative humidity
Measuring range	: -6 to 40°C 5 to 100% R. humidity
Accuracy	: ±2°C for temperature ±5% for R. humidity
Chart graduation	: 2°C for temperature 5% for R. humidity
Clock	: Quartz type Battery: 1.5VDC (one "AA" size battery)
Drum rotation	: 7 day
Recording pens	: Cartridge pens (violet)
Dimensions	: 125 (W) x 125 (D) x 192 (H) mm
Weight	: Approx. 1.5 kg
Accessories	: 7 day chart for 1 year use (55 sheets/pad), one "AA" size battery

MINI-ALPHA THERMOHYGROGRAPH



CE

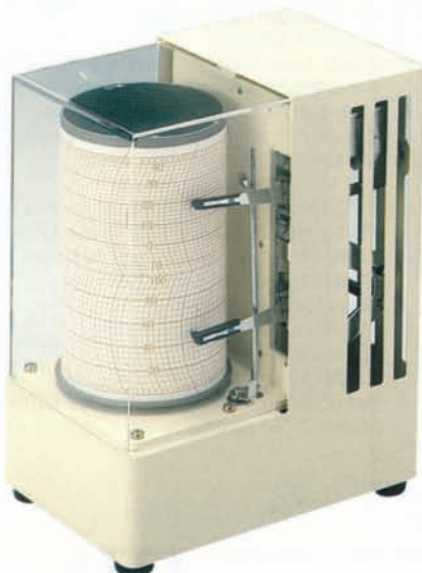


CE

SPECIFICATIONS

Cat. No.	: No. 7006-00 (Blue base) 7006-10 (Mocha-brown base)
Model	: Mini-Alpha
Sensors	: Aged bimetallic strip for temperature Humidity sensing coil for R. humidity
Measuring range	: -15°C to 50°C for temperature 10 to 100% for R. humidity
Accuracy	: ±2°C for temperature ±5% for R. humidity
Chart graduation	: 2°C for temperature 5% for R. humidity
Clock	: Quartz type
Drum rotation	: 7 day
Power requirements	: 1.5VDC (one "AA" size battery)
Battery life	: about 6 months
Dimensions	: 185mm(H) x 125mm(W) x 110mm(D)
Weight	: approx. 0.8 kgs
Standard accessories:	: 7 day chart for 1 year use (55 sheets/pad), one "AA" size battery, one button cell battery (LR-41)

MINI-CUBE THERMOHYGROGRAPH



CE

SPECIFICATIONS

Cat. No.	: No. 7008-00
Model	: Mini-Cube
Sensors	: Aged bimetallic strip for temperature Human hair bundle for relative humidity
Measuring range	: -15 to 40°C for temperature 5 to 100% for R. humidity
Accuracy	: ±2°C for temperature ±5% for R. humidity
Chart graduation	: 2°C for temperature 5% for R. humidity
Clock	: Quartz type Battery: 1.5VDC (one "AA" size battery)
Drum rotation	: 7 day
Recording pens	: Cartridge pens (violet)
Dimensions	: 148 (W) x 97 (D) x 90 (H) mm
Weight	: Approx. 1.6 kg
Accessories	: 7 day chart for 1 year use (55 sheets/pad), one "AA" size battery

SIGMA II THERMOGRAPH



SPECIFICATIONS

Cat. No.	: No. 7230-00
Model	: NSII-TQ
Clock	: Quartz type: 1-day, 7-day and 32-day changed by switch Battery: 1.5VDC (2 "C" size batteries) Battery life: 1 year continuous use
Sensor	: Aged bimetallic strip
Measuring range	: -15 to 40°C
Accuracy	: $\pm 1^\circ\text{C}$
Chart graduation	: 1°C
Recording pen	: Cartridge pen (violet)
Dimensions	: 336 (W) x 148 (D) x 295 (H) mm
Weight	: Approx. 2.9 kg
Accessories	: 7-day chart for 1 year use (55 sheets/pad), chart holder Instruction manual, 2 "C" size batteries

SIGMA II HYGROGRAPH



SPECIFICATIONS

Cat. No.	: No. 7234-00
Model	: NSII-HQ
Clock	: Quartz type: 1-day, 7-day and 32-day changed by switch Battery: 1.5VDC (2 "C" size batteries) Battery life: 1 year continuous use
Sensor	: Human Hair Bundle
Measuring range	: 0 to 100% R.H.
Accuracy	: $\pm 3\%$ R.H.
Chart graduation	: 1% R.H.
Recording pen	: Cartridge pen (violet)
Dimensions	: 336 (W) x 148 (D) x 295 (H) mm
Weight	: Approx. 2.9 kg
Accessories	: 7-day chart for 1 year use (55 sheets/pad), chart holder Instruction manual, 2 "C" size batteries

SIGMA II BAROGRAPH



SPECIFICATIONS

Cat. No.	: No. 7237-00 (Quartz type), No. 7238-00 (Spring-wound type)
Model	: NSII-BQ (Quartz type), NSII-BS (Spring-wound type)
Clock	: Quartz type: 1-day, 7-day and 32-day changed by switch Battery: 1.5VDC (2 "C" size batteries) Battery life: 1 year continuous use Spring-wound type: 1-day and 7-day changed by gear
Sensor	: Aneroid bellows
Temperature Compensation	: Bimetal strip
Measuring range	: 940 to 1045 hPa (705 to 785 mmHg)
Accuracy	: ± 1.0 hPa
Chart graduation	: 1.0 hPa
Recording pen	: Cartridge pen (violet)
Dimensions	: 336 (W) x 148 (D) x 295 (H) mm
Weight	: Approx. 3.1 kg (Quartz type), Approx. 3.4 kg (Spring-wound type)
Accessories	: 7-day chart for 1 year use (55 sheets/pad), chart holder Instruction manual, 2 "C" size batteries (applicable to No. 7237-00 only)

SIGMA II REMOTE ONE POINT THERMOGRAPH

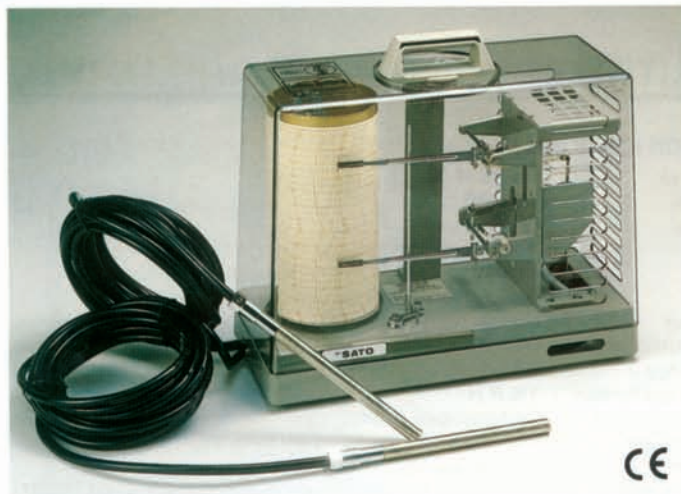


SPECIFICATIONS

Cat. No.	: No. 7200-00
Model	: NSII-ES1 (one point type)
Clock	: Quartz type
Drum rotation	: 7 day
Sensors	: Mercury in stainless steel capillary tube
Measuring range	: -15 to +50°C
Lead length	: 5 m (vinyl coated)
Accuracy	: ±1°C
Chart graduation	: 1°C
Recording pens	: Cartridge pens (violet)
Dimensions	: 336 (W) x 148 (D) x 295 (H) mm
Weight	: Approx. 3.6 kgs
Accessories	: 7-day chart for 1 year use (55 sheets/pad), chart holder 2 "C" size batteries, Instruction manual

CE

SIGMA II REMOTE TWO POINT THERMOGRAPH

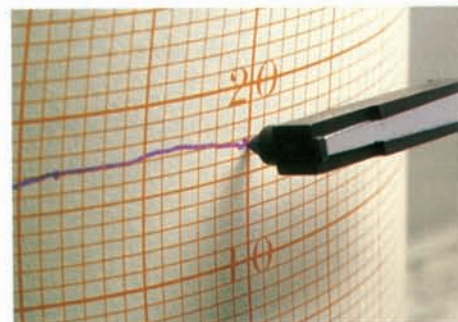


SPECIFICATIONS

Cat. No.	: No. 7202-00
Model	: NSII-ES2 (two point type)
Clock	: Quartz type
Drum rotation	: 7 day
Sensors	: Mercury in stainless steel capillary tube
Measuring range	: -15 to +50°C
Lead length	: 5 m (vinyl coated)
Accuracy	: ±1°C
Chart graduation	: 1°C
Recording pens	: Cartridge pens (violet)
Dimensions	: 336 (W) x 148 (D) x 295 (H) mm
Weight	: Approx. 4.2 kgs
Accessories	: 7-day chart for 1 year use (55 sheets/pad), chart holder 2 "C" size batteries, Instruction manual

CE

ACCESSORIES



Recorder	Recording cycle	Cat.No.	Quantity	Remarks
No. 7210-00/7215-00 Thermohygrograph	1-day	7210-60	400 sheets	N 241540-3017 C 1681540-3018 (*2) C 321540-3053 (*2)
	7-day	7210-62	55 sheets	
	32-day	7210-64	55 sheets	
No. 7211-00 Thermohygrograph	1-day	7211-60	400 sheets	
	7-day	7211-62	55 sheets	
	32-day	7211-64	55 sheets	
No. 7012-00 Thermohygrograph	3-month	7012-60	1 roll	3L 1002050-II-3721 1L 1002050-II-3722
	1-month	7012-70	1 roll	
No. 7005-00 Thermohygrograph	7-day	7005-62	55 sheets	S168-5100x640-3117
No. 7006-00/7006-10 Thermohygrograph	7-day	7006-62	55 sheets	
No. 7008-00 Thermohygrograph	7-day	7008-62	55 sheets	S168-5100x154-3729
No. 7230-00 Thermograph	1-day	7230-60	400 sheets	AT 241540-3041 AT 1681540-3042 AT 321540-3043
	7-day	7230-62	55 sheets	
	32-day	7230-64	55 sheets	
No. 7234-00 Hydrograph	1-day	7234-60	400 sheets	AH 240100-3044 AH 1680100-3045 AH 320100-3046
	7-day	7234-62	55 sheets	
	32-day	7234-64	55 sheets	
No. 7237-00/7238-00 Barograph (hPa scale) (*1)	1-day	7237-60	400 sheets	AB 244045-3047 AB 1684045-3048 AB 324045-3049
	7-day	7237-62	55 sheets	
	32-day	7237-64	55 sheets	
No. 7200-00 Remote one point thermograph	7-day	7200-62	55 sheets	AR 140-1-3051
No. 7202-00 Remote two point thermograph	7-day	7202-62	55 sheets	AR 140-2-3052

(*1) The chart with mmHg scale is available.

(*2) These charts are dustproof type.