

SELF-CONTAINED CHART RECORDERS TRANSALIM

Advantages

TRANSALIM is a stand-alone temperature recorder especially designed for transporting perishable goods under controlled temperature. It is based on a reliable and mastered technical for many years, derived from the other recorders of the JRI range: temperature measurement by thermogas element.

This element consists of a stainless steel tube linked to the casing by a copper capillary and filled with a neutral gas meeting all hygiene requirements for transported foodstuffs. Temperature variations are displayed directly on a circular diagram.

Ergonomy: to make this instrument still user-friendly and to facilitate data processing, TRANSALIM is fitted with a removable and led tape enabling to access the diagram. To change the recording speed, one needs only to replace the tape installed inside with the tape corresponding to the requested speed.

The tapes are interchangeable from one recorder to another.

Waterproof, heavy duty and with little space requirements, TRANSALIM may be mounted very easily outside the compartment to be monitored.

Two measuring ways: capable of receiving a second measuring way, TRANSALIM may very well measure the temperature of the compartment in two significant points, for instance to signal any open doors if one of the sensors is placed close to the said doors.

Stand-alone: TRANSALIM measures, records, prints, and possesses its own power supply, which makes its operation fully independent. It is supplied by a battery for 6-months autonomous operation.

Applications Fields

Perishable goods transport under controlled temperature.

*In conformity with NF EN 12830 norm
for transport*

Technical characteristics

Measurement range	from -25°C to +25°C
Operating range	from -30°C to +65°C
Limits	from -30°C to +70°C
Storage conditions	from -40°C to + 85°C
Accuracy	± 2°C Class 2
Resolution	0,5°C
Recording durations	1 revolution 28 days or 1 revolution 7 days or 1 revolution 24h by changing the tape
Diagram scrolling speed	at 0°C: 2 mm/h for 1 rev./7d and 14 mm/h for 1 rev./24h
Movement	quartz
Power	battery 1,5V (LR6)
Autonomy	pen: 90 m trace long; battery: 6 months
Recording support	circular paper diagram Ø 160 mm stainless steel bulb linked to the casing via a copper capillary
Sensor	10 m (1 channel recorder), 10 m and 20 m (2 channels recorder)
Protection	IP65
Dimensions	282 mm x 234 mm x 83 mm
Weight	1 channel: 1,5 kg; 2 channels: 2,3 kg

Designation	Recorder	Diagram	Fiber pen
1 channel 7 days recorder	13821.07	D 32980	S 97601(purple)
2 channels 7 days recorder	13822.07	D 32990	S 97601(purple)
1 channel 24 hours recorder	13821.02	D 33000	S 97601(purple)
2 channels 24 hours recorder	13822.02	D 33010	S 97601(purple)
1 channel 28 days recorder	13821.04	D 33020	S 97601(purple)
2 channels 28 days recorder	13822.04	D 33020	S 97602(red)
Removable tape 7 days	19904.00	-	-
Removable tape 24 hours	19905.00	-	-
Removable tape 28 days	19907.00	-	-

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Transport, logistics



Storage



*Heavy duty
and waterproof
for transport*