



THERMOGRAPHS

Temperature recorders for transport

Mounting in the cab or on a semi-trailer

Distributor:

Recorder for cab mounting

built-in thermal printer

1 or 2 temperature sensors

self-assembly and user-friendly operation

DR-201



mounting in the cab



temperature alarm sound signalling (buzzer)
temperature recording continuously or only when goods delivery



Power switch
Sensors and feeding cable connected with plugs



USB port for data copying (option)

Commands in English
Display with graphic icons



press button to print FULL REPORT from any period of time

vehicle registration number

R.00001 DR-201 v.1 SerialNr.: 201205001
Company Name,02867 City,Street 6a, Poland
Vehicle NO.: WAW 99BB

T1 = Temperature Sensor 1
T2 = Temperature Sensor 2
D1 = digital sensor

loading and unloading

Summary report:				
Date:	Time:	T1:	T2:	D1:
01-05-2011	19:30	18.9	18.3	
Loading:	19:40	19.9	22.4	
	20:40	20.1	24.3	
	21:40	23.1	26.3	
	22:40	25.1	28.3	
Unloading:	22:50	26.9	29.4	
01-05-2011	23:30	EE	EE	

Signed: _____

press button to print BRIEF REPORTS :
- DELIVERY REPORT
- DAILY REPORT
- LAST HOUR REPORT
- CURRENT MEASUREMENTS

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Vehicle NO.: WAW 99BB

T1 = Temperature Sensor 1
T2 = Temperature Sensor 2
D1 = digital sensor

The current values:
Date: Time: T1: T2: D1:
01-05-2011 18:20 8.9 8.3

Signed: _____

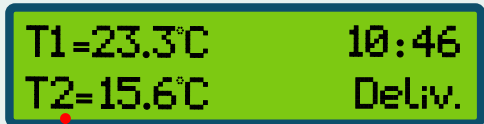
Universal mounting clamp included




Recorders mounted on a semi-trailer

built-in thermal printer
max. 3 temperature sensors
hermetic casing IP65

DR-101 DR-401

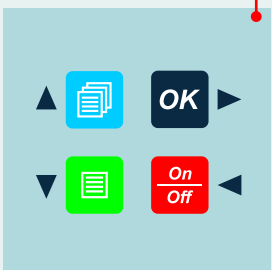


- Readable LCD screen with backlight
- Text messages and service in English
- Temperature alarm / buzzer 

Mounting on a semi-trailer

Easy and intuitive operation using only 4 keys


Power off




Hermetic casing IP65

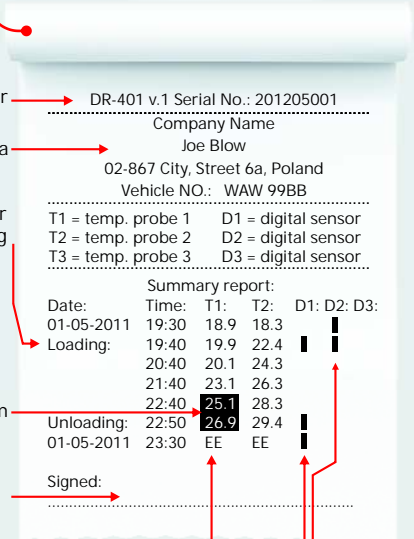
Transparent door with stainless steel closure



- Print BRIEF REPORTS with  button:
 - DELIVERY REPORT
 - DAILY REPORT
 - LAST HOUR REPORT
 - ACTUAL MEASUREMENTS









- Print FULL REPORT from specified period of time with  key



- Print and serial number
- User data
- loading or unloading
- Temperature alarm
- Signature

Sensor error registered events: door opening, unit operation, etc.

COMPARISON	DR201	DR101	DR401
Use in vehicles:	 delivery vans  delivery trucks  lorries	 lorries  articulated lorries  cattle transport lorries	
No. of temperature sensors:	2	1	3
Number of logical inputs:	1	2	3
Measuring range:	-40...120°C	-40...120°C	-199...850°C
Resolution:	0,1°C	0,1°C or 0,01°C (for Pt100)	
Measuring accuracy:	0,5°C	0,3°C	
Data memory:	62 000 measurements 2 years	32 000 measurements 1 year	
Recording frequency:	1min...24hours	1...999min.	
Temperature alarm:	sonic	sonic + 10A output	
Port: (option)	USB to data copy		
Functions:	brief reports printout printout from any period of time recording continuously or only during the drive data erase/factory settings restore	brief reports printout printout from any period of time continuous recording data erase factory settings restore	
Printer: Paper:	thermal, 50mm/s width. 57mm, diameter 40mm	thermal, 30mm/s width 57mm, diameter 35mm	
Display:	LED	LCD alphanumerical	
Protection class:	IP30	IP65	
Power supply:	12...24V AC/DC ±20%	12...24V AC/DC ±20% or 230VAC	
Operation conditions:	-20...50°C	-30...50°C	
Conforms to the following standards:	PN-EN-61000-6-4 PN-EN-61000-6-2 PN-EN-61010-1 72/23/EEC; 93/68/EEC; 89/336EEC PN-EN 12830:2002 PN-EN 13485:2002	PN-EN-61000-6-4 PN-EN-61000-6-2 PN-EN-61010-1 72/23/EEC; 93/68/EEC; 89/336EEC PN-EN 12830:2002 PN-EN 13485:2002	

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