JUCHHEIM SOLINGEN | HEJU
Temperatur · Druck · Feuchte

Laboratory controller
LTR 3500(-S)

- **comfortable and simplest handling**
- **high indication and controlling accuracy**
- **economically priced and space-saving**

Laboratory temperature controller LTR 3500 with microprocessor

Actual value and setpoint permanently visible. Selfoptimization and direct connection of resistance-thermometers by 4-pole Lemosa socket, wired according to"laboratory automization workgroup". Robust housing and stand mounting part. After reaching of security temperature all pole disconected. Sensor break and short-circuit control.

Laboratory temperature controller LTR 3500-S with security controller

Like LTR 3500, but with digital security controller and for connection of one resistance-thermometer 2x Pt 100 or two resistant-thermometers 1x Pt 100.

Technical datas:

Type	LTR 3500	LTR 3500-S
Housing	Aluminium coated	
Dimensions (W x H x D in mms)	105 x 165 x 122	
Weight in kg	1,3	1,5
Range of measurement (Pt 100)	-199,9…+649,9°C	
Range of control (Pt 100)	-199,9…+649,9°C	
Range of measurement and control (thermocouple)	J = 0…+1200°C, K = 0…+1372°C, S = 0…+1769°C	
Actual value indication	12 mm high, red	
Setpoint indication	9 mm high, green	
PID adjustment characteristic	Free selectable or auto tuning	
Indication accuracy	± 0,1 K Pt 100	
Control accuracy	± 0,1°C with accordant optimization	
Sensor sockets Pt 100	1x Pt 100	2x Pt 100
	4-pole Lemosa	4-pole Lemosa
Sensor sockets (thermocouples)	Single	Double
Alarm	Free adjustable or assigned	
Security shut-down	-	Free adjustable, all pole disconnection
Breaking capacity	10A / 230 V, pure ohm resistive load, option: 15A = 3,3KW	

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