



## Fraction gauge

# FR 2500

- Simple handling
- Simple programming of time lapse
- Economically priced and space-saving

### Fraction gauge FR 2500 With digital timer

The device is manufactured for time-independent controlling of desitllation equipment. It is modulatable to all common destillate header by a switch on the backside. Furthermore the function "permanent return" is procurable by a switch on the frontside. The fraction and return times are adjustable in 6 sectors beginning with 0,1 sec. up to 99,9 h (return or fraction is selectable)

#### Technical datas:

Type	FR 2500
Housing	Plastic housing with aluminium housing
Dimensions B x H x T in mm	160 x 82 x 130
Weight in kg	1,5
Time indication	LCD, ca. 12 mm high
Indication of function	State on display and by LED red/green
Time ranges	0,1...9,99 sec.; 0,1...99,9 sec.; 0,01...9,99 min.; 0,1...99,9 min.; 0,01...9,9 h; 0,1...99,9 h
Breaking capacity	10A / 230 V, ohm resistive load, Option: 15A = 3,3KW
Outputs	Controlling output for header 24VDC, 1,25 A Max by Stakei 2



## Fraction gauge FR 3500

- Comfortable and simplest handling
- High indication and control accuracy
- Economically priced and space-saving

### Fraction gauge FR 3500 with microprocessor controller and digital timer

The device is manufactured for time-independent controlling of desitllation equipment. It is modulatable to all common destilate header by a switch on the backside. Furthermore the function "permanent return" is procurable by a switch on the frontside. The fraction and return times are adjustable in 6 sectors beginning with 0,1 sec. up to 99,9 h (return or fraction is selectable)

The microprocessor controller is a temperature controller and controls the extraction with high accuracy.

#### Technical datas:

Type	FR 3500
Housing	Aluminim coated, backside in plastic
Dimensions B x H x T in mm	105 x 165 x 122
Weight in kg	1,5
Measurement range	programmable
Control range	programmable
Possible sensors	J = 0 + 1200°C, K = 0 + 1372°C, S = 0 + 1769°C Pt 100 = -199,9 + 850,0°C, 4 - 20 mA with internal supply (optional)
Indication actual value	12 mm high, red
Indication setpoint	9 mm high, green
Indication accuracy	± 0,8 K Pt 100, ± 2°C for TC
Extraction accuracy	Adjustable, up to ± 0,1°C
Sensor socket	4-pole Lemo
Output	Controlling output for header 24VDC, 1,25 A Max