



## Foil tester FPG 1.0

### Special features:

- **Quick, trouble-free determination of carbon level actual values in furnace atmospheres**
- **Simple operation by means of menu assistance in plain text in German and in all main foreign languages**
- **Automatic and quick indication of the weight percent carbon in the furnace atmosphere, directly in %C**
- **Up to 5 or 9 (option) different foils can be checked simultaneously**
- **Automatic calibration**
- **Storage of datas**
- **Accessories included**

### Principle of operation:

With the Foil tester **FPG 1.0** it is possible to determine and indicate directly the C-level in furnace atmospheres by foil tests.

Additional calculations from the difference in weight of the foil are not necessary !

In the display of the terminal, each step is indicated in clear text, so that the instrument can be operated without error.

Up to 5 foils can be handled simultaneously ore 9 (option).

messen - steuern - automatisieren - messen - steuern - automatisieren

## Technical Data:

**Design :**

Bench-top housing

**Dimensions:**

200x225x395 mm (WxHxD)

**Weight:**

10,25 kg

**Degree of Protection:**

IP 54 to DIN 40050

**Power supply:**

115/230 V 50-60Hz

**Measuring range:**

0.01...1.99 %C

**Resolution:**

0.01 %C

**Display error:**

+/- 0.02 %C

**Foil basic weights:**

95...105 mg

**Foil basic C-level values:**

in %C

**Readout:**

Display with 2x16 characters

**Operation:**

Menu-assisted on the terminal

**Response time:**

approx. 60 s

**Climatic conditions:**

10...40 °C

5...95 % relative humidity, non-condensing

**Standard accessories:**

- 1 Calibration weight for the Foil tester: 95 mg, E2 mg- weight, small germansteel plate form with hole 1,5 mm  $\varnothing$  hanging hole
- 1 angular tweezers
- 1 cleaning bottle with wide opening (acetone-resistant), without content
- 10 pcs test foils 0,09 %C (residual)
- 1 round stick 3 x 100 mm

**For your (supplementary) order:**

test foils 0,09 %C, packed per 100 pcs.:

Order-Number: 630.0202