

Foil Testing Set FPG 1.1 with Terminal T400



Special Features:

- Quick, trouble-free determination of actual carbon level values in furnace atmospheres
- Simple operation meaning menu assistance described clearly in the following languages: German, English, Italian, French, Spanish, Portuguese and Czech
- Automatic and quick indication of the weight percent carbon in the furnace atmosphere, directly in %C
- Different foils can be checked simultaneously
- Automatic calibration
- Storage of data
- Accessories included

Principle of Operation:

Using the foil tester FPG 1.1 you can directly determine and indicate the C-level in furnace atmospheres by foil tests. Additional calculations reflecting the difference in weight of the foils are not necessary! The terminal display indicates each step clearly, so the instrument can be operated error free.

Advantages of T400:

- Measurement storage in internal EEPROM
- USB interface. All measured values, including furnace name, date and time can be transferred to USB stick
- Data evaluation and processing are possible via additional software "Foil Test View" which is included
- Large display with 4 lines and 16 characters
- Documentation possible according to ISO9001



Foil Testing Set FPG 1.1 with Terminal T400



Advantages of FPG 1.1:

- Number of foils defined by user
- Fast and reliable measurement
- New algorithm will detect mechanical vibration and compensate it
- User can choose between 5 "filter algorithms" to use foil tester in "laboratory or rough environments"
- Measurement accuracy of 0.01[mg]
- Direct announcement in %C and [mg]
- Portable analysis system
- Clear text operator guidance via display
- Foil can be weight with or without PC

Technical data T400

Standard Foils: 5
Max. Foils: 30
Max. Names: 40 (user and "test point names")
Max. Storage: 100 measurements in EEPROM

Order number	Device name
630-0410	Foil tester FPG 1.1 with T 400

Accessories	
530-2128	Terminal T 400 for FPG 1.1
630-0202	Test foils
100-0501	Calibrating weight 95 mg
24498	Calibrating weight 97 mg
24500	Calibrating weight 100 mg
24502	Calibrating weight 102 mg
24504	Calibrating weight 105 mg
370-1010	Pincette angular
100-0601	Round wood
380-0010	Aceton bin

Technical data FPG 1.1

Design:
Bench-top housing

Weight:
10,25 kg

Power Supply:
85-264 VAC - 50-60 Hz

Measuring Accuracy:
0,01 [mg]

Measuring Range: 90 [mg] bis 120 [mg]
0.01...1.99 %C

Foil Basic C-Level Values:
In %C

Operation:
Menu-assisted via terminal

Dimensions:
200x225x395 mm (WxHxD)

Degree of Protection:
IP 54 to DIN 40050

Power Consumption:
Max 15 W

Resolution:
0.001 %C

Climatic Conditions: 10...40 °C
5...95 % relative humidity, non-condensing

Readout:
Display with 4x16 characters

Response Time:
Approx. 15 s