

Model no. 1398

## CARBON BLACK TESTER



According to

ISO 6964

ASTM D 1603

Statutory standards prescribe the verification of carbon black content of polyolefin plastics. The test method is based on pyrolytic decomposition of the material in an inert gas flow (nitrogen). This means that the remaining quantity is burned once again under forced ventilation at the same temperature and the carbon black content determined by means of weight difference.

**EASY AND SAFE OPERATION**

> Complete test structure compactly assembled

**RELIABLE TEST RESULTS**

> Precise temperature control via digital temperature controller

**LASTING EFFICIENCY**

> High-quality unit components guarantee a long service life

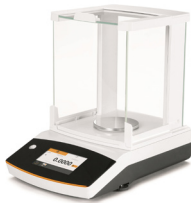
**VERSION CARBON BLACK TESTER**

**V1398-0005**

Furnace temperature range	°C	up to 1,200
Simple and individual programming		✓
Clear, high-contrast, black-and-white LC display		✓
Input of temperatures and times in steps of 1° and 1 min respectively		✓
Copy function of programmes for easy customisation		✓
Start time of the oven adjustable via real-time clock		✓
5 programmes with 4 segments each can be memorised		✓
Measuring accuracy temperature		±1,0
Flow measuring device	NI/h	5 to 95 or 1 to 13
Power requirement of tubular furnace	kW	1.9
CE conformity		✓
Permissible ambient temperature	°C	+5 to +30
Permissible relative humidity	%	max. 70 non-condensing
Width x Depth x Height	mm	760 x 650 x 1,020
Weight	kg	ca. 54
Voltage data		230 V, 50/60 Hz * other voltages

✓ included      + available/optional      O eligible      – not available      \* available upon request

**ACCESSORIES CARBON BLACK TESTER**

Product	Description	Model-no.
	Analytical balance	H3000