



DW1421 Carbon Black Content Tester

Model No.

DW1421

Application:

DW1421 Carbon Black Content Tester is used to determine the carbon black content of geomembranes, polyolefin (polyethylene, polypropylene and polybutylene) pipes and fittings and materials used in particular for the manufacture of pipes and fittings and rubber. It is especially suitable to those users who want strict control on increasing temperature.

Related Standards:

| | | | |
|-----------|-------------------------|-------------------------------------|------------|
| STANDARDS | GB/T 13021、GB/T 2951.41 | ISO 6964, ISO 247, IEC 60811-4-1 | ASTM D1603 |
|-----------|-------------------------|-------------------------------------|------------|

Note: this tester can conform to but not limit to all the standards above, for more standards conformance, please contact us.

Features:

- Nice appearance, easy to operate;
- LCD display temperature and time;
- Openable structure of furnace;
- Quartz glass tube;
- Adjustable test temperature;
- Over-temperature protection;
- Flow meter of adjustable measuring range of 0.2~2L/min;
- High precision and uniformity of temperature control;
- Excellent constant temperature keeping function;
- 30 steps of programs which are programmable.

Key Specification:

- Display mode LED display



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- Specification of combustion tube $\Phi 35 \times 650$ mm, can be customized
- Hot zone 200mm
- Heating element resistance wire
- Working temperature $\leq 1100^{\circ}\text{C}$
- Max. temperature 1200°C
- Temperature sensor type K-type thermocouple
- Heating element Electric-resistance wire
- Temperature control Intelligitized 30 steps of programs, programmable
- Accuracy of constant temperature $\pm 1^{\circ}\text{C}$
- Structure of furnace Openable
- Material of structure Cold-rolled steel with powder coating
- Measuring range of flow meter 0.2~2L/min
- Rated power 1.5KW
- Power supply AC220V/50Hz

Standard configuration:

| No. | Item | Quantity |
|-----|-----------------|----------|
| 1 | Main machine | 1set |
| 2 | Combustion boat | 10pcs |
| 3 | Quartz tube | 1pcs |
| 5 | Pipe plug | 2pcs |
| 6 | Pincers | 1pcs |