



**Presto Stantest Pvt. Ltd.**

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## Carbon Black Content Apparatus



### Model CBC - 165

**Carbon Black Content apparatus** is commonly used for determining the carbon black content in polyethylene material. The test is applicable only to samples where carbon is present in a free state. According to standards, the carbon black content in the specimens is calculated by measuring the difference in the weight of the rest sample before and after treatment in the apparatus. The Presto carbon black content apparatus is designed as per ASTM D-1603-14, IS 4984 and IS 2530 standards to determined carbon black content of plastics.





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## Key Specifications:

|                          |  |
|--------------------------|--|
| Porcelain boat           | 8 x 1.9 x 1.3 cm approximately             |
| Nitrogen Flow            | 1.7 L / min. $\pm$ 0.3                     |
| Display                  | Digital LED display                        |
| Accuracy                 | $\pm$ 5°C                                  |
| Least Count              | 1°C  |
| Sensor                   | J Type / K Type as per selection of range  |
| Size of furnace          | Combustion tube (quartz high silica glass) |
| Material of Construction | Powder coated Mild Steel                   |
| Temperature Range        | Ambient to 1150 °C                         |
| Power                    | 230 V, 50Hz, Single Phase                  |

- \* Weighing scale not a part of supply.
- \* Required nitrogen regulated air supply.

## Accessories :

Desiccator, Glass U tube, Combustion tube, Combustion boat, Rotameter, Silicon tube - 1 no. Each, Glass and caps 2 nos. and Glass traps - 3 nos., Cork Plug 2 nos. (as a consumable)

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