Hot Air Gun

LT-G0255 | Warm airflow for small aggregate and soil specimens

Adjustable temperature • Controlled airflow • Handheld operation



1 kg

APPROXIMATE MACHINE WEIGHT

230 V

POWER SUPPLY

Pre-drying • Surface moisture reduction • Local heating

LT-G0255

Photograph and Machine Components

Air outlet, operating switch, ventilation section and handle

LT-G0255 directs warm air towards the selected specimen area. Adjust temperature and airflow for the material. The lightweight handheld body supports laboratory and field applications.

AIR OUTLET

Warm air exits through this section. Direct the flow carefully across the specimen.

VENTILATION SECTION

Keep the body air passages unobstructed during use.



OPERATING SWITCH

The handle-mounted switch manages the operating selection.

ERGONOMIC HANDLE

Assists control of airflow direction. Hold the unit securely.



Metal air outlet and flow direction section



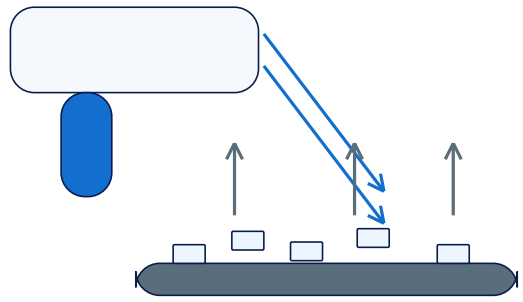
Operating switch and handheld grip

LT-G0255

Controlled Local Heating and Drying

Prepare specimen • Select settings • Move airflow • Monitor process

WARM AIRFLOW AND SPECIMEN VESSEL



WARM AIR: SUPPORTS SPECIMEN DRYING

EVAPORATED MOISTURE LEAVES THE SPECIMEN

ADJUST HEAT AND AIRFLOW TOGETHER

MOVING APPLICATION • CONSISTENT MONITORING

DISTANCE AND SETTINGS: MATCH SPECIMEN CONDITIONS

Controlled distance + moving airflow application

REPRESENTATIVE APPLICATION DIAGRAM • NOT TO SCALE

Prepare the Specimen

Arrange the material evenly in a suitable heat-resistant vessel.

Select the Settings

Set temperature and airflow for the specimen. Begin at a controlled distance.

Keep Airflow Moving

Direct air across different areas. Monitor the specimen and prevent loss of fines.

Warm airflow transfers heat locally to the specimen surface and supports removal of evaporable moisture. Move the airflow across the surface rather than holding it at one point. Select temperature, airflow and working distance together to suit the specimen.

Temperature and Airflow Selection

Adjustable temperature and airflow accommodate different specimen properties. Match settings to heat resistance and drying requirements.

Move airflow across the surface. Prevent fine-particle displacement and local overheating. Redistribute the specimen when needed and monitor both upper and lower layers.

Process Monitoring and Care

Determine the drying endpoint by the working method. Where mass tracking is required, keep cooling and weighing conditions consistent between repeats.

Switch off after use and allow the outlet to cool. Clean the specimen vessel and check the cable, air passages and handle before storage.

LT-G0255

Technical Specifications and Application Flow

LT-G0255 • Heat and airflow adjustment, portable construction and power supply

Technical Specification	Value / Description
Product Code	LT-G0255
Product Name	Hot Air Gun
Primary Application	Local heating and small-specimen drying
Specimen Types	Aggregate, soil and suitable construction materials
Temperature / Airflow	Adjustable
Overall Dimensions	50 × 40 × 20 cm
Approximate Weight	1 kg
Power Supply	230 V, 50 Hz, 1 phase
Operating Arrangement	Handheld • Ergonomic handle

Match Settings and Air Direction to the Specimen

Adjust temperature, airflow and working distance together. Move the air across the specimen and monitor drying conditions while preventing particle loss.

From Preparation to Local Drying

01
Prepare
Arrange the specimen in a suitable vessel.

02
Set
Select temperature and airflow for the material.

03
Apply
Direct air carefully across different areas.

04
Finish
Check the process, switch off, cool and clean.

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