

Proximate Analyzer PA-3017



Sample Loading at ambient temperature



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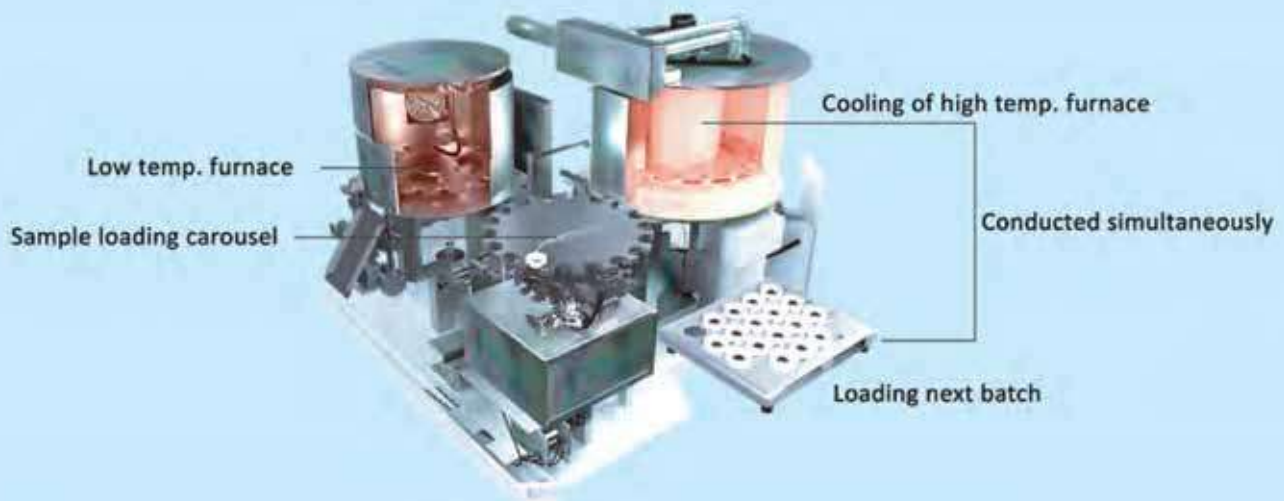
Analytical Technologies Limited

An ISO 9001 Certified Company

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►► **Specification:**

Furnace Temperature	: Room Temperature~1000°C
Temperature Control Precision	: ±3°C (Moisture) : ±5°C (Ash, Volatile matter)
Sample Number	: 18
Analysis Time	: Depends on test method selected
Shortest Analysis Time	: Full index for 3 batches of samples (54 samples) within 8 hour
Sample Mass	: 0.5~1.1g
Power Requirement	: 220V (-15%~10%),50/60Hz
Gas Requirement	: compressed air
Max Power	: 4.5kw



Dual furnace design. No waiting for batches of test.

►► **Highlights:**

1. Dual furnaces design: Low-temperature furnace for moisture test and high-temperature furnace for ash and volatile matter test.
2. High test efficiency, continuous test available: Unique test mode of conducting moisture and ash test simultaneously, it can perform moisture and ash analysis in different furnace, no need to wait furnace cooling, During the active analysis, the operator can pre-weigh the next batches of samples
3. Improved accuracy:
 - Sample weighing at room/low temperature by external and internal balances, effectively reduces the influence of balance drift.
 - Auto-calibration for both internal and external balance, make sure each weighing result is accurate and reliable.

4. Safe Operation: Specially designed volatile matter crucible together with unique auto-sample loading mechanism to avoid the operation of replacement or removal of the crucible cover under high temperature to avoid heat emission and hurt to the operator.

5. Operation cost saving: Compressed air can meet the requirement of gas supply, no oxygen and nitrogen required

6. Easy to operate and handle:

- Easy to use Windows –based operating software, after finishing the sample weighing, the operator can be free from other tasks.
- Easy data handling, real time data can be transmitted by internal network.
- With CAN bus interface, several proximate analyzers can be controlled by a single PC.
- Connect with balance and network by standard interface RS232.

7. Test methods: Several test method are available in software to meet demand of different test standard (ISO,ASTM,GB).In addition,test method can also be customized.

▶▶ **Regulatory compliances**



▶▶ **Corporate Social Responsibility**

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Analytical Technologies Limited

HPLC Solutions MultipleLabs Analytical Bio-Med Analytical Distributors Analytical Foundation (Trust)

Corporate & Regd. Office:
Analytical House, # E67 & E68,
Ravi Park, Vasna Road, Baroda,
Gujarat 390 015. INDIA

T: +91 265 2253620
+91 265 2252839
+91 265 2252370
F: +91 265 2254395

E: info@hplctechnologies.com
info@multiplelabs.com
info@analyticalgroup.net
info@analyticalbiomed.com

W. www.ais-india.com
www.analyticalgroup.net
www.hplctechnologies.com
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