



EIE

Atmospheric Distillation Tester  
EIE-DI-01



- ASTM D86, ISO3405, ISO918, D850, D1078, EN ISO3405, IP123,195, GB/T 6536
- Rapid centering and fastening device to ensure the data accuracy
- High sensitivity extinguisher system
- Capability of test of several different types of samples



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EIE-DI-01 automatic distillation tester, from EIE Canada, employs the most advanced design idea and method through years of onerous research and test. It improves the automation of the distillation tester to the maximum extent. Multi-protection method can prevent the measurement errors and minimize the adverse consequences resulting from the operation's negligence. One-button-start, automatic completion of distillation, automatic saving, printing or exporting results.





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**Safety**



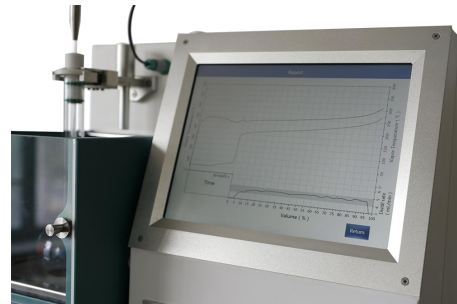
**Flask positioning system**



**Easy operation, accuracy**  
Software can do remote  
troubleshooting



**Unknown sample test**  
Automatic residual and loss calculation



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**EIE-DI-01****SPECIFICATIONS**

Standards	
ASTM D86, ISO3405, ISO918, D850, D1078, EN ISO3405, IP123,195, GB/T 6536	
Features	
Software	WES7 OS; Remote troubleshooting;
Heating system	Software regulates the heating to meet the requirements
Flask Centering	rapid centering and fastening device to improve the data accuracy
Vapor temperature	0°C to 450°C , Accuracy: +/-0.1°C built-in 10 points calibration table
Sample Volume	two fold optical measuring system, 0 - 103% ml, resolution: 0.01 ml, accuracy: +/-0.1ml
Ambient Barometric pressure	built-in pressure sensor 1 - 130KPa , accuracy: +/-0.1KPa
Condenser Temperature	range: 0 - 65°C, accuracy: +/-0.5°C
Receiver room Temperature	0 - 40°C, accuracy: +/-0.5°C
Distillation Rate Range	2-10 ml/min, accuracy: +/-0.1 ml/min
Display	10.4 in TFT high resolution screen
Data Capacity	Store more than 600 results
Printer	Built-in thermal printer with auto/manual option
Connectivity	To LIMS via RJ45 or RS232, internet, 3xUSB, WiFi
Operation	
Voltage	AC 110 - 230V +/-10% 50-60 Hz
Post Cooling Method	forced air
Power Usage	<1200W
Safety	
Fire Detection	built-in two flame detectors
Fire Extinguisher	Fire extinguisher system (N <sub>2</sub> )
Alarm	audible alarm, and cut off the heater circuit
Operating Environment	
Operating temperature	5 to 35° C (50 to 104° F)
Storage Temperature	-15 °C to 55°C
Relative Humidity	not more that 80% at 35°C
Working Place	indoor
Product Size	
Dimensions (mm)	430W x 574D x 690H
Weight (Kg)	66