

CATALOG

VeroDry

CLOSED LOOP EVAPORATOR



VeroDry

TECHNICAL PARAMETERS

Designed as a standalone unit compatible with most Karl Fischer titrators, meeting ASTM D6304 standards.

Has been designed as a standalone unit so that it can be used in conjunction with most leading models of coulometric and volumetric Karl Fischer titrators and to comply with the requirements of ASTM method D6304.

FEATURES

- VeroDry provides moisture titration by indirect method without the necessity of solvent and enables consecutive measurements up to almost 30 tests without the need to discard wastes after each run.
- The transparent evaporation bottle offers visible progress in the sample within the bottle.
- Precise and stable control of temperature is assured by PID temperature control.
- The specification conforms to ASTM D6304 standard method for determination of water in petroleum products, lubricating oils and additives by coulometric Karl Fischer titration.
- The base oil can be drained out easily by the specifically designed drain out system
- Safety measures to avoid overheating are provided by the digitally controlled temperature setting secured by thermal semi-conductor devices

SPECIFICATIONS

Model	VeroDry Closed Loop Evaporator
Methodology	ASTM D6304
Monitoring	Chamber and sample temperature
Heating Capacity	From ambient to 200°C (392°F) with the ability to reach 150°C (302°F) in 2 minutes
Peristaltic Pump Capacity	50 mL/min to 500 mL/min (1.69 fl oz/min to 16.91 fl oz/min).
Test Chamber	Stainless steel, Teflon, Glass material
Evaporator Chamber	Pyrex glass – Teflon with a maximum capacity of 50 mL (1.69 fl oz)
Device Operating Environment	10°C to 50°C (50°F to 122°F)
Power Requirement	220 VAC – 50 Hz
Power Output	200 W
Dimensions	Width: 23 cm (9 inches) Depth: 32 cm (12.6 inches) Height: 31 cm (12.2 inches)
Weight	8 kg (17.6 lbs)



APPLICABLE

REFERENCES

REFERENCES



VeroVis

Kinematic Viscometer

- Dora Thermal Power Plant
- Khanakin Lubricants Factory
- Gas Power Plant 2
- Gas Power Plant 1
- Smara Thermal Power Plant
- Quds Power Plant
- Al-Sadir Power Plant



VeroRes

Carbon Residue Analyzer

- Al-Sadir Power Plant



VeroXi

Oxidation Stability Analyzer

- Dora Thermal Power Plant
- Quds Power Plant



VeroAsh

Ash Content Furnace

- Al-Sadir Power Plant



VeroDry

Moisture Evaporator

- Dora Thermal Power Plant
- Gas Power Plant 2
- Gas Power Plant 1
- Al-Sadir Power Plant



VeroCal

Heat Com. Calorimeter

- Al-Sadir Power Plant



VeroCor

Copper Corrosion Bath

- Al-Sadir Power Plant



VeroFoam

Foam Tendency Analyzer

- Al-Sadir Power Plant

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