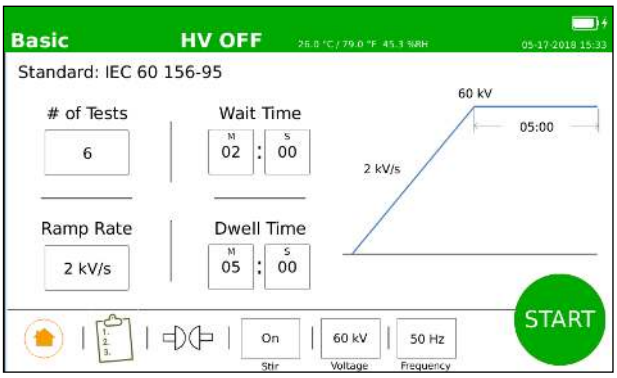
OC60-DI

Digital Liquid Dielectric Tester – 60kV

■ The OC60-DI Liquid Dielectric Tester accurately and reliably tests dielectric strength of insulating liquids used in a wide variety of electrical apparatus. The rugged, lightweight, and portable design ensures years of safe and trouble-free operation both in the field and in the laboratory.

This model is designed to meet testing specifications from all parts of the world with test cells available for ASTM D877, ASTM D1816 and IEC 156 testing standards. The OC60-DI offers the ability to use pre-programmed standards in basic mode or create their own tests using custom mode. An internal digital kilovoltmeter automatically records the breakdown voltage for each test sample. Each test can be saved into the unit's internal memory and transfer via USB drive.





FEATURES

- ☑ **Lightweight and portable** design; **Rugged and reliable** construction
- ☑ **Automatic Breakdown Detection** within 4µs of Breakdown Point
- ☑ **Preprogrammed Test Standards**
- ☑ **Breakdown Voltage** ± 2% of full scale
- ☑ Test cells available for **ASTM D877**, **ASTM D1816** and **IEC 156** testing
- ☑ Record and Transfer test results and data analysis via **USB2.0**
- ☑ **7" color, touch screen display** with adjustable brightness
- ☑ **Safe operation with slide screen magnetic interlock**
- ☑ **Adjustable test parameters** such as target voltage, ramp rate, dwell and wait time

BENEFITS

Multi-purpose compact design for field and factory

Sturdy and Reliable for a long trouble-free life

User Friendly Touchscreen Interface

Battery Operated for testing in the field

APPLICATIONS

Testing of insulating liquids in:

- Transformers and Bushings
- Switchgear
- Capacitors
- Hydraulics

CE

TECHNICAL SPECIFICATIONS

Model Number		**OC60-DI**
System Output		0 – 60 kV
Voltage Breakdown Accuracy		±2% of full scale
Dimensions (W x H x D)		16 x 13 x 15 in (41 x 33 x 38 cm)
Shipping Dimensions (W x H x D)		24 x 19 x 21 in (61 x 48 x 53 cm)
Weight	**NET**	60 lbs (25 kg)
	SHIPPING	65 lbs (28 kg)
Input Voltage & Frequency		90-264 VAC; 50 or 60 Hz
Internal Battery		8,000 mAh
Included Accessories		Input Cord, Calibration Certificate, Operations Manual
Languages		English, French, German, Mandarin, Spanish, Portuguese
Preloaded Standards		ASTM D1816, JIS C 2101-99, ASTM D1816, SEV EN 60156, ASTM D1816, UNE EN 60156, ASTM D877, NF EN 60156, ASTM D877, SABS EN 60156, BS EN 60156, VDE 0370 Part 5, CEI EN 60156, AS 1767.2.1, IRAM 2341, GOST 6581-75, BS148, IS 6792

OPTIONAL EQUIPMENT & ACCESSORIES

Part Number	Description	Dimensions (W x H x D)	Weight	
			NET	SHIPPING
TCDE	**Test Cell**: Contains two flat disc electrodes (1.0 inch diameter). One electrode is adjustable to provide desired gap. Standard 0.1 inch gap gauge is supplied. Rate of rise is 3000 v/s (**ASTM D877**).	6 x 4 x 3 in (15 x 10 x 8 cm)	2 lbs (1 kg)	5 lbs (2 kg)
TCVDE	**Test Cell**: Contains motor-driven circulating system and two VDE electrodes. One electrode is adjustable to provide desired gap. 0.08 and 0.04 inch gap gauges are supplied (**ASTM D1816**).	6 x 6 x 6 in (15 x 15 x 15 cm)	5 lbs (2 kg)	10 lbs (5 kg)
TCIEC	**Test Cell**: Similar to TCVDE test cell, but with no motor (**IEC 156**).	6 x 6 x 6 in (15 x 15 x 15 cm)	5 lbs (2 kg)	10 lbs (5 kg)
OCCM-E	**Calibration Cell:** Digital Calibration and ramp rate meter. Digital display (0.5 inch), molded epoxy case, and 2% accuracy at full scale.	6 x 6 x 6 in (15 x 15 x 15 cm)	4 lbs (2 kg)	8 lbs (4 kg)
EXT-WARN-1	One year extended warranty			



Test Cell: TCVDE
ASTM D1816
(pictured left)



Test Cell: TCDE
ASTM D877
(pictured left)

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HAEFELY HIPOTRONICS has a policy of continuous product improvement. We therefore reserve the right to change design and specification without notice.