Vacuum Discharge Tester DAC−VD−1

SOKEN

This tester can locate visibly damages or defects like scars and pinholes on stator coils and wires by applying testing voltages in a vacuum chamber so that an unintended electric arcing should occur.

In conventional breakdown tests and impulse tests, the location was difficult, but by using this vacuum discharge tester, it is easy to find out the defects scars and pinholes formed during manufacturing.

We propose a combination of our Partial Discharge Testers with this tester to have a wide range of uses, from product developments to product testing.

Configuration

- ●Vacuum chamber(acrylic) and controller
- ●Vacuum pump
- ●AC Withstanding Tester

Specification

●Target stator coil

・Thickness	35～85mm
・Outer radius	φ160
・Lead length	200mm, approx.
・Weight	Approx. <10kg

●Vacuum chamber

・Material	Acrylic resin
・Vacuum pressure	-760mmHg(-101kPa)
・Chamber volume	Approx. 12 liters
・Outside dimensions	430W*500D*400H(mm)
・Weight	Approx. 60kg

●AC Withstanding Tester

・Applied voltage	0～2000V
・Transformer	100VA
・Weight	6Kg

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