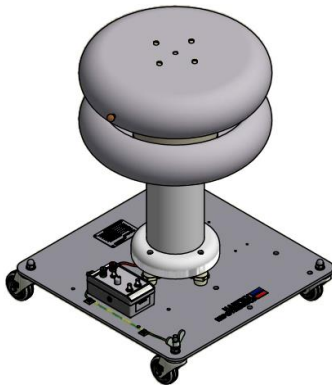


9230/30/9-PD

Coupling capacitor 30 kV for Partial Discharge measurement

■ The coupling capacitor (PSF - Power Separation Filter) type 9230/30/9-PD includes in a compact design the high voltage capacitor, the high voltage filter and the measuring impedance. It is optimized for measuring partial discharges together with the PD detector DDX 9121b.

A half-T filter incorporated with the high voltage electrode not only attenuates any interference from the power supply, but also increases the sensitivity of the PD measuring circuit. The filter is protected from overvoltage by a mechanical spark-gap.



FEATURES & BENEFITS

- ☑ **All in one solution** including the coupling capacitor, the HV filter, and the measuring impedance.
- ☑ PD free (< 1 pC).
- ☑ Built in measuring impedance AKV 9310T
- ☑ High **capacitance** for better sensitivity (Signal to Noise Ratio) while measuring on large capacitive test objects

STANDARD SCOPE OF SUPPLY

- Coupling capacitor with embedded HV filter and measuring impedance
- Test certificate

ACCESSORIES

BNCTwin/20	BNC twin cable (2 x BNC) 50 Ohm, 20 m.
BNCTwin/40	BNC twin cable (2 x BNC) 50 Ohm, 40m

TECHNICAL SPECIFICATIONS

Electrical

Voltage	30 kV
Capacitance	9 nF +/- 5%
PD level	< 1 pC
Max. Current	8 A
Filter typical attenuation (with 1 nF load)	30 dB (40 – 1000 kHz)

Mechanical

Dimensions (W x D x H)	550 x 550 x 690 mm (21.7" x 21.7" x 27.2")
Weight	31 kg (68.4 lbs)

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

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