

B&C Diagnostics

RVM 22

Recovery voltage meter



DESCRIPTION OF THE INSTRUMENT:

This instrument was primarily developed for the examination of the general condition of oil-paper insulation systems.

It's a light, portable device with test voltage adjustable between 200 V and 2000 V.

By testing the polarization spectrum of an oil-paper insulation system, one can deduce the moisture content and aging state of the paper. RVM 22 also has an insulation resistance measuring function.



This device is the improved version of RVM 5461, 5462a and RVM PDC.

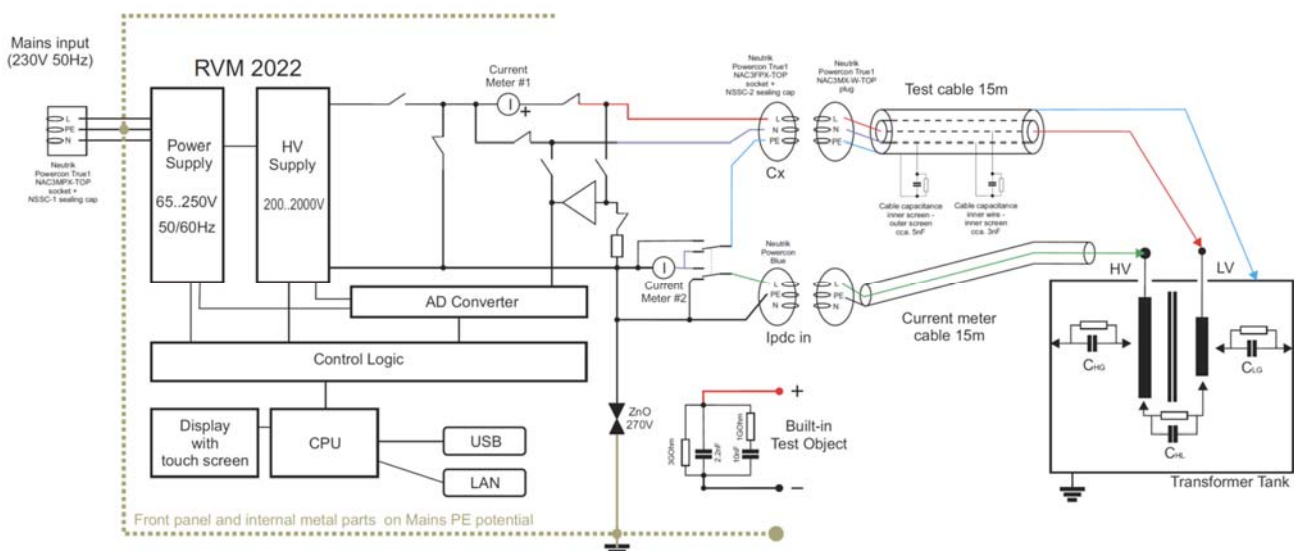
In addition to conducting polarization tests taken by the so-called recovery voltage measurement method, RVM 22 is able to register polarization and depolarization currents, record unique recovery voltage curves as well as to measure insulation resistance.

Due to the connectors with IP65 protection on the back of the device, RVM 22 can also be operated with its lid down, which might be useful during a longer unattended measurement.

The instrument is the product of B&C Diagnostics Ltd. It is made in Hungary, and its sole distributor is Diagnostics Ltd.



INSTUMENT'S BLOCK DIAGRAM:



SPECIFICATIONS:

Test voltage:	200 V ... 2000 V, adjustable in 10 V steps
Electrometer input:	+900 V...-100 V max.1 pA at 25°C
Current measurement:	2 mA...10 pA
Time constant range:	20 ms 20000 s
Line power:	65-250 V 50-60 Hz max. 30 VA
Display:	10" graphic touch screen
Connection:	power and test lead connectors are located on the back of the case and have IP65 protection
Measuring cable:	15 m triax cable with large clamps and Neutrik powerCON® TRUE1® TOP connector
Dimensions:	464 x 366 x 176 mm
Weight:	approx. 10kg
Other services:	built-in real time clock built-in test circuit (1 time constant RC component) for self-testing Flash memory to store test results built-in thermal printer USB interface (B type connector) for query, remote control USB Drive socket (A type socket) for results exporting
PC software:	RVMView reading and test report creator program (Win XP....Win11)

**SCOPE OF DELIVERY:**

- RVM 22 instrument
- 3 m mains connector cable
- 15 m measuring cable with clamp ends
- USB cable
- operating instructions
- software
- extra paper rolls for the printer (2 pieces)

DISTRIBUTOR:

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