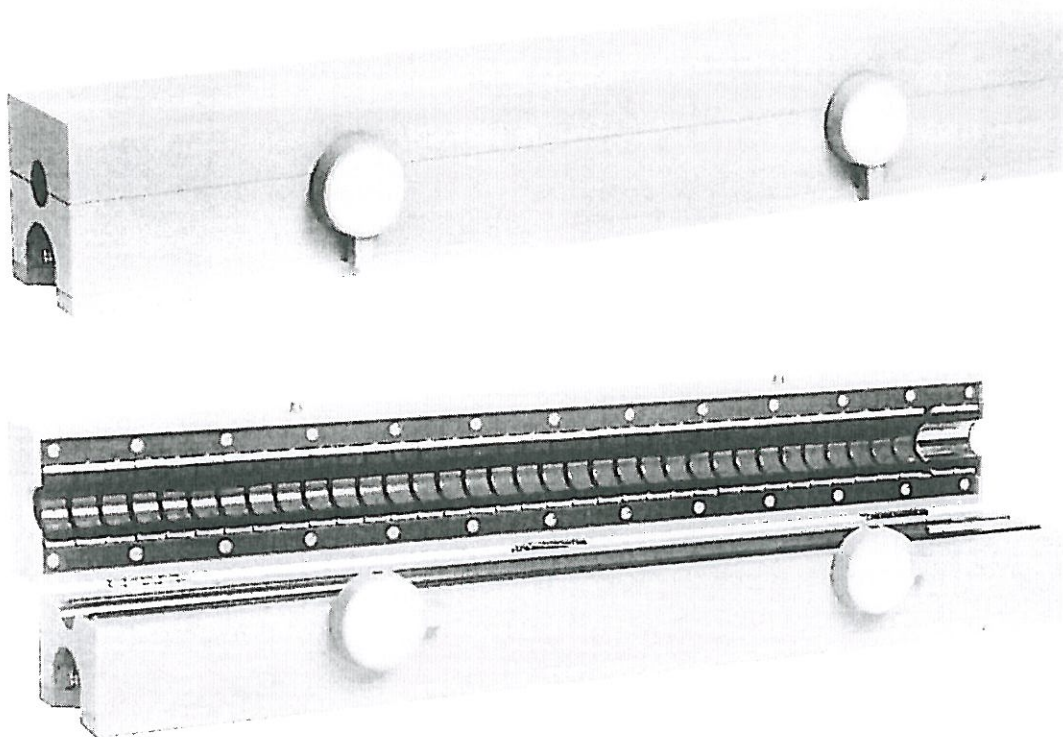


**ABSORBING CLAMP MDS 21**

The device for measuring the interference capability in the metric wave band (30 ... 1000 MHz respectively) of mains-operated electrical appliances.

In connection with a measuring receiver according to CISPR Publ. 16, the Absorbing Clamp MDS 21 enables to measure the interference capability of radio interferes, such as domestic appliances, electric tools etc. directly ; viz. by measuring the power generated by the interfere and fed to its supply cable. Measuring with the Absorbing Clamp MDS 21 is simple, reliable and, if the interference source is constant, well reproducible. It is easier to measure the power generated by the interfere than the field-strength. As the Absorbing Clamp MDS 21 is not influenced by the presence of stray interference from other sources, no screening cabin is necessary. It is especially noteworthy that a change of the surroundings of the appliance to be measured, which was essential for the previous producers, is no longer influencing the test results.



The device comes in the form of a Clamp. It is suitable for interference measuring services and laboratories which have to measure the interference capability of numerous various appliances. The hinged top part of the Clamp can be opened, and the mains cable of the interfere is to be laid in the channel formed by the split half-rings. After locking the device, the magnetic circuits are closed and the arrangement is ready for measuring. For regulating to the maximum the Clamp is equipped with four rollers for light shifting. The MDS 21 is increasingly used in automatic measuring set-ups i.e. the Clamp is set to the maximum by a computer controlled motor-drive. The ordinary support of the rollers is not suited for such continuous operation. Upon request the MDS 21 can, therefore, be supplied with ball-bearing mounted wheels with rubber tyres.

Please order art. No. MDS 21 B

**Specifications:**

Calibrated for receiver impedance	50 $\Omega$
Max. current ( $f < 500$ Hz )	30 A
Max. input power when used as coupling unit for immunity tests	5 W
Diameter of appliance power cable	up to 22 mm
Overall dimensions (WxHxD)	610x115x80 mm
Weight	6,3 kg