

**Universal-Apparatus for testing the  
Fastness of Rubbing design Dr. Ruf**

for quick and exact determination of the resistance to rubbing of wet and dry fibres according to DIN 54 021 and SNV-Standard no. 95831.

The excellent properties of the apparatus are based among others upon the fact that the frictional pressure, the way of rubbing and the contact surface are fixed exactly. With absolute precision the resistance to rubbing of wet and dry fibres, rayon, yarn, woven or knitted fabrics will be determined even by half index-values in necessary.



**Specification:**

- Special-Clamping frame with 2 openings
- Container for the test material
- Electro-mechanical preselector counter
- Electric connection 220 V A.C., 50 Hz.

For preparing the specimens we recommend our **Sample Cutter PS 100** for cutting out accurately sized round samples of 100 cm<sup>2</sup>. Easy manipulation, as compared with die cutters. Accurate cutting edges assured by circular drawing of razor blades. Samples are conveniently cut out on rubber pads.



**Sample Cutter PS 100**