



SUPPOSITORY PENETRATION TESTER

PM 30

The ERWEKA PM 30 measures the softening time of suppositories. Suppositories must disintegrate, dissolve or melt at body temperature in order for their active ingredients to be released into the body. ERWEKA offers a version for EP method A and method B.

The PM 30 penetration tester ("Apparatus A" according to EP) and the PM 3 ("Apparatus B" according to EP) have been developed to carry out reproducible measurements of the softening time of suppositories at specified temperatures. The design of the test device makes visual observation of the melting characteristics extremely easy. The device consists of three test stations.



OPTIONS

- | Glass test tubes, 1 g, with adaptor, for PM 30 (already included 3x in apparatus B)
- | Glass test tubes, 2 g, with adaptor, for PM 30 (for apparatus B)
- | Glass test tubes, 3 g, with adaptor, for PM 30 (for apparatus B)
- | Immersion thermostat PT 100 (incl. certificate)
- | Water stabiliser with colour indicator, one bottle for two fillings

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TECHNICAL DATA

Penetration rod weight	30 g ± 0.4 g (Apparatus A, EP), 7.5 g ± 0.1 g (Apparatus B, EP)
Dimensions (H x W x D)	340 x 290 x 230 mm
Voltage	220 - 240 V / 50-60 Hz; 115 V / 50-60 Hz; 1600 W
Fuses	15 A + 2 A (240 V) / 2 A (115 V)
Protection class	I/EN 61140
Protection type	IP 21/IEC 529
Test stations	3
Water bath material	Acrylic glass
Ambient temperature during operation	+ 10 °C up to +30 °C (Ambient temperature at least 5°C lower than test temperature)
Storage and transport temperature	+5 °C up to +40 °C
Relative air humidity	25 to 80 % non-condensing