PROXXON

PROXXON MICROMOT System

Flexibility in cutting styrofoam board. No "crumbling" as when working with knife or saw.

Hot wire cutter THERMOCUT 650

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❶ Switching power supply for 230V connection. Insulated to Class 2. The heating element is operated with a safety voltage of max. 40V and 1.2A. Ultimate safety!
❷ Telescopic arm for adjustable cutting lengths of 400 - 650mm. Cutting depth (throat capacity) 200mm.
❸ Spring element in support bracket ensuring constant wire tension regardless of temperature based wire expansion.

For architects, designers, artists, in prototype construction, insulation work and, not least, for classical model building (railroads, airplanes, boats).

For cutting styrofoam, hard foam, polyurethane, PU foam and thermoplastic materials. Adjustable cutting length of 400 - 650mm. Cutting depth (throat capacity) 200mm. Depending on the material the cutting wire temperature is pre-selected using the practical control knob and remains stable while working. The spring seated outer bracket compensates heat related wire expansion, ensuring constant wire tension. Supporting surface with lateral bore for fixing a screw clamp to allow for stationary use. Especially beneficial for example when cutting larger styrofoam pieces or standard styrofoam boards (usually 100 x 50cm). A screw clamp and a spool with 30m of cutting wire Ø 0.2mm are included in the scope of delivery.

Technical data:
230V. 50/60Hz. 60W. Secondary voltage max. 40V, 1.2A. Cutting temperature of wire Ø 0.2mm continuously variable from 100 - 350 °C. Weight 850g. Insulated to Class 2.

NO 27 084

See us on YouTube!

Replacement cutting wire
For THERMOCUT 650, THERMOCUT 230/E and other similar hot wire cutters. Made of NiCr 8020. Spool of 30m x 0.2mm.

NO 28 080

Note:
For cutting styrofoam or hard foam hot wire cutters are vastly superior to other tools such as knives or saws. Most important is to select the right temperature depending on material and thickness. With a bit of patience and practice anyone can do this! Most precise cutting results are usually achieved at medium temperatures and moderate pressure.

Flat support surface and lateral bore to fix a screw clamp allow also stationary use. Practical when cutting standard styrofoam boards (100 x 50cm).