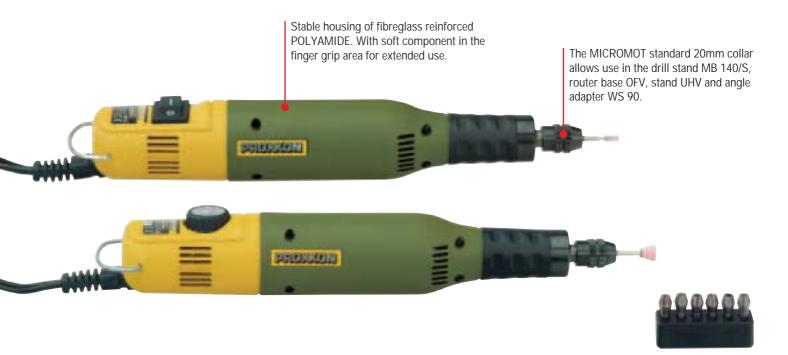**PROXXON MICROMOT System**

Precision milling/drilling machines MICROMOT 50 and 50/E:
Ball bearing spindle and efficient cooling system for extended use.

MICROMOT 50 and 50/E

12 VOLT

- 1001 uses: milling, drilling, routing, de-scaling, polishing, cutting, cleaning, sawing, engraving, etc.
- Useable on any workable material e.g. steel, precious metals, glass, ceramics, plastics, precious stones, etc.

- Ideal for electronic hobbyists, model builders, tool and die makers, jewellers, opticians, artists, chiropractors, dental technicians, etc.
- 12V supply allows the safe use of coolant, e.g. when grinding and cutting semi-precious stones.

Stable housing of fibreglass reinforced POLYAMIDE. With soft component in the finger grip area for extended use.

The MICROMOT standard 20mm collar allows use in the drill stand MB 140/S, router base OFV, stand UHV and angle adapter WS 90.

The tens of thousands of these units in use speak for themselves: they are a joy to use. Here is why they are so loved:

The diameter of only 35mm makes it easy to handle. The weight of 230g, quietness and effortless drive via the special motor, ground spindle and collar bearing all contribute to the ergonomic design. The high quality steel collets (see page 4) ensure accurate clamping of the cutters. The size of the machine dictates a 12V drive system, use of a transformer is thus required. MICROMOT transformers of at least 1A are recommended.

Mill/drill unit MICROMOT 50/E

The thyristor electronic speed control enables the selection of speeds from 5,000 to 20,000rpm. Phase angle control and feedback effect circuitry yield high torques, even at low speeds. Six MICROMOT collets for shanks covering 1.0 – 1.5 – 2.0 – 2.4 – 3.0 and 3.2mm are supplied. Power consumption is 40W max. Length 220mm and weight approx. 230g.
No 28 510

Mill/drill unit MICROMOT 50

As 50/E, except that no speed control is fitted. No load speed is 20,000 rpm.
No 28 500

Footswitch FS

Frees one's hands for easy operation. For all machines with a Euro plug, class 2 insulation and maximum of 500W. Ideal for both portable and stationary machines. Housing of fibreglass reinforced NYLON. The connecting cord is 250cm in length and the output cord 50cm. The transformer is connected to the FS when using 12V machines.

No 28 700