

Tube Cut-Off Machine

TC-20



The Redesigned, CE Marked TC-20

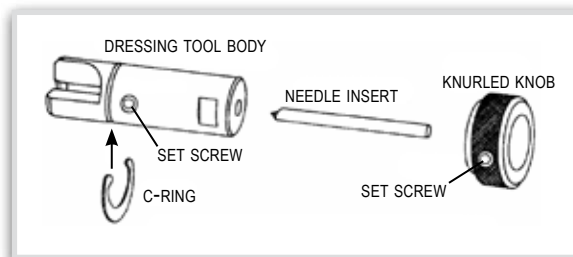
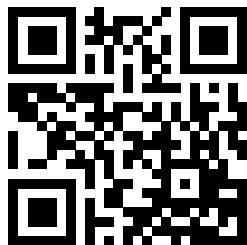
A zero dead volume connection is important for maximum chromatographic performance. Unswept volume, caused by a poor fit between tubing and the mating seat, can cause sample dispersion and unsatisfactory chromatographic results. Poor fit of the tubing can be due to a cut edge that is not square, or by improper deburring. Burrs may prevent the tubing from fully seating and may restrict the internal diameter.

Clean, Square Cuts

The Model TC-20 Tube Cutter assures a zero dead volume connection. Tubing is held securely in a clamp vise on the vertical swing arm, producing a square cut with a finished end when the swing arm is lowered against the abrasive cutting wheel. No lubricant or cutting fluid is required.

Cuts 3 Common Tubing Sizes

The TC-20 produces smooth cuts, dressed without distortions, on 1/16", 1/8", and 1/4" outside diameter tubing with inside diameters as small as 0.008".



Needle Insert for 1/16" Dressing Tool

Dressing Tools

The precision-ground dressing tool for 1/16" O.D. tubing is included and is attached directly to the swing arm so it cannot be misplaced or lost. Simply place the cut tubing end in the tool and rotate the knurled handle to finish both the internal and external diameters of the tubing in one operation. The dressing tool can be ordered and used separately from the tube cut-off machine. The tool for 1/8" and 1/4" is optional.

Safe, Simple Operation

A shield on the swing arm covers the abrasive wheel, making the operation safe and simple.

Model TC-20 Specifications

Cutter Type	Dry abrasive tool
Dressing Tool	Precision ground and aligned hard tool steel
Dimensions	8" x 6.25" x 4.25" (20.3 x 15.9 x 10.8 cm)
Weight	11 lbs. (4.99 kg)
Power	55 W

Ordering Information

DESCRIPTION	PART No.
MODEL TC-20, VOLTAGE SELECTABLE: 110-120/220-240 Volts, 50-60 Hz, includes dressing tool for 1/16" O.D. tubing	100200
CUTTING WHEEL, 3/PK	100124
DRESSING TOOL FOR 1/16" O.D. TUBING	100116
DRESSING TOOL FOR 1/8" O.D. TUBING	100118

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