TechCut 4™
PRECISION LOW SPEED SAW

Quality Products for Metallographic Sample Preparation & Analysis
The **TechCut 4™** is a precision low speed saw designed to cut small or delicate samples that cannot tolerate increased heat from friction caused by high speed sectioning.

The pivoting cutting arm has adjustable weights to apply or counterbalance downward force to the sample during sectioning. Cutting fluid is drawn from the reservoir by the blade to cool the sample. With a 3" to 6" blade range, samples up to 2” thick can be sectioned.

**Accessories and consumables are sold separately.**

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<td>5-5200</td>
<td>TechCut 4™, 100-240 V</td>
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Dims: 13” W x 15” D x 13” H (330 x 381 x 330 mm)
Weight: 36 lb. (16 kg)

**Features:**

- Gravity-fed cutting system
- 3-6” (75-150 mm) diameter blade range, 0.5” (12.7 mm) arbor hole
- Variable speed with LED display: 10-500 RPM (10 RPM increments)
- Cutting capacity: 2” (51 mm) thickness
- Micrometer sample indexing, 0.002 mm resolution, 0-25 mm range
- Spring-retractable dressing stick attachment for dressing while sectioning
- Optical shut-off sensor with adjustable stop to control depth of cut
- Precision machined aluminum and stainless steel construction that maximizes corrosion resistance and durability
- 0.06 HP (45 W) motor with adjustable stop to control depth of cut
- Sliding weights that provide variable sample loading: 0-300 grams
- Touchpad switches to control all functions
- Removable splash shield
- Removable coolant reservoir
- Removable catch screens that prevent sectioned pieces from falling into reservoir
- **CE** compliant for EU
- Two (2) year warranty
- Designed and manufactured by Allied in the USA 🇺🇸
A wide variety of standard fixtures and accessories are available. Custom fixtures are available for various applications. Contact Allied for more information.

**Accessories**

- **5-5005 / 5-5006**
  Teardrop Fixtures for 25 mm - 1.5” Mounts (5-5005)
  1.5” - 2” Mounts (5-5006)

- **5-5020**
  Single Saddle Clamp

- **5-5025**
  Glass Slide Fixture

- **5-5030**
  Multipurpose Fixture

- **5-5035**
  Dual Saddle Clamp

- **5-5040**
  Swivel Attachment

- **5-5010**
  V-Block Fixture, 1" (25 mm) Capacity

- **5-5015**
  Bone Fixture

- **5-5040**
  Swivel Attachment

- **Optical shut-off sensor with adjustable stop**

- **Removable reservoir for convenient coolant replacement**