



TechCut 4™
PRECISION LOW SPEED SAW

*LOW SPEED SAW FOR CUTTING
SMALLER, DELICATE SAMPLES*

Quality Products for Metallographic Sample Preparation & Analysis

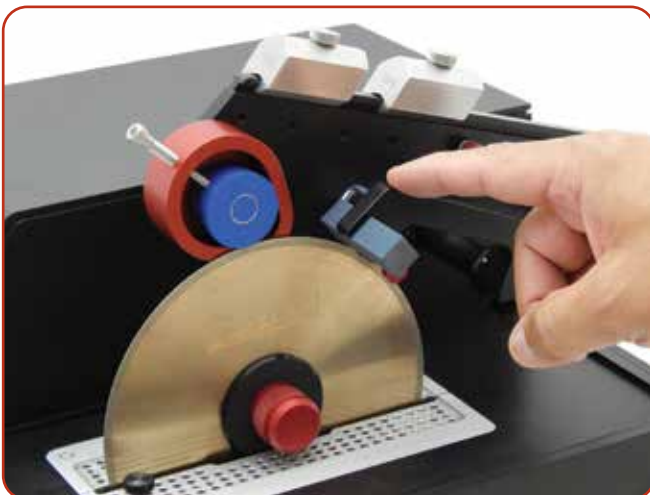


The **TechCut 4™** is a precision low speed saw designed to cut small or delicate samples that cannot tolerate increased heat from friction caused by high speed sectioning.

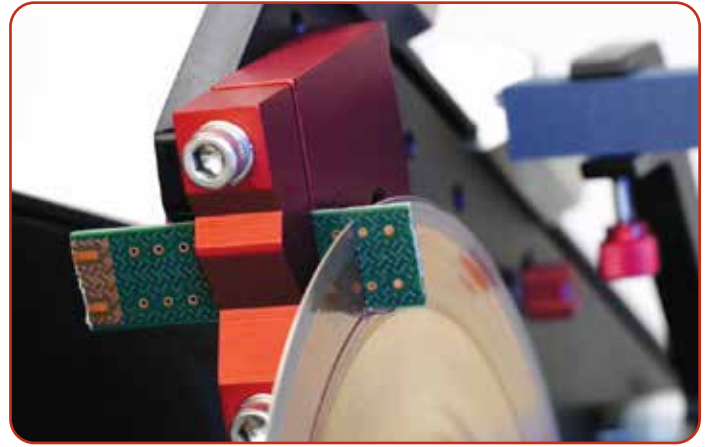
The pivoting cutting arm has adjustable weights to apply or counterbalance downward force to the sample during sectioning. Cutting fluid is drawn from the reservoir by the blade to cool the sample. With a 3" to 6" blade range, samples up to 2" thick can be sectioned.

Accessories and consumables are sold separately.

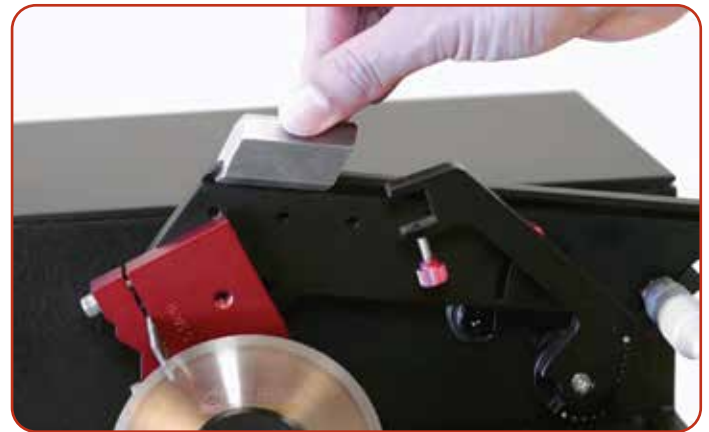
Item	Description
5-5200	TechCut 4™, 100-240 V
	Dims: 13" W x 15" D x 13" H (330 x 381 x 330 mm) Weight: 36 lb. (16 kg)



Spring-retractable dressing stick attachment allows dressing while sectioning.



Fixtures are adjustable to optimize the cutting angle.



Sliding weights provide variable sample loading.

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 

Accessories

A wide variety of standard fixtures and accessories are available. Custom fixtures are available for various applications. Contact Allied for more information.



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



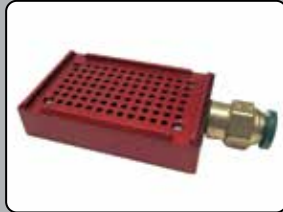
5-5010
V-Block Fixture,
1" (25 mm) Capacity



5-5015
Bone Fixture



5-5020
Single Saddle Clamp



5-5025
Glass Slide Fixture



5-5030
Multipurpose Fixture



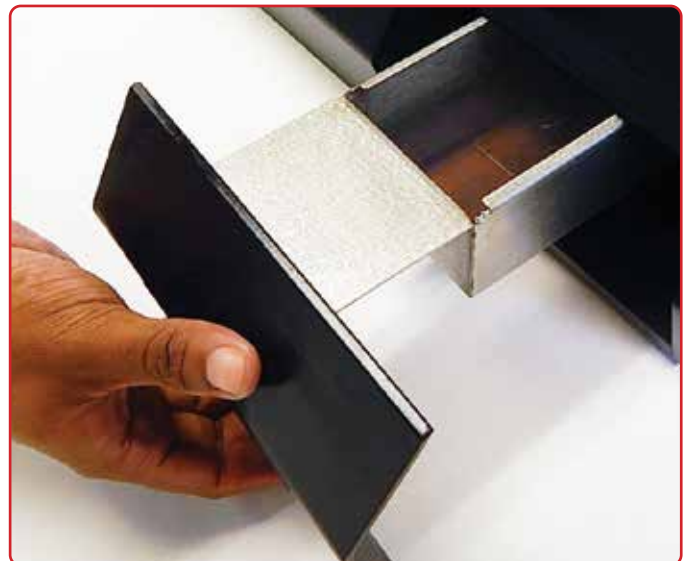
5-5035
Dual Saddle Clamp



5-5040
Swivel Attachment



Optical shut-off sensor with adjustable stop



Removable reservoir for convenient coolant replacement

Global Distribution of the World's Finest Products



Brochure #: TC4-2019

Equipment is subject to change due to innovations/improvements at any time.



Designed and Manufactured by
Allied High Tech Products, Inc.
in the USA

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