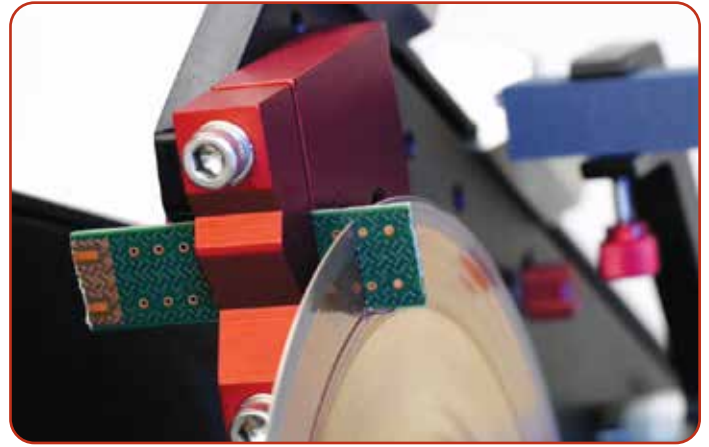
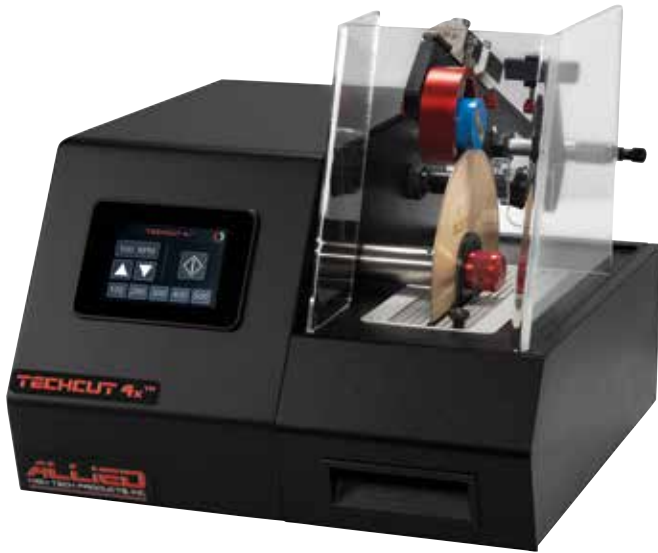


**TechCut 4x™**  
PRECISION LOW SPEED SAW

*LOW SPEED SAW FOR CUTTING  
SMALLER, DELICATE SAMPLES*

Quality Products for Metallographic Sample Preparation & Analysis



Fixtures are adjustable to optimize the cutting angle.

The **TechCut 4x™** 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.

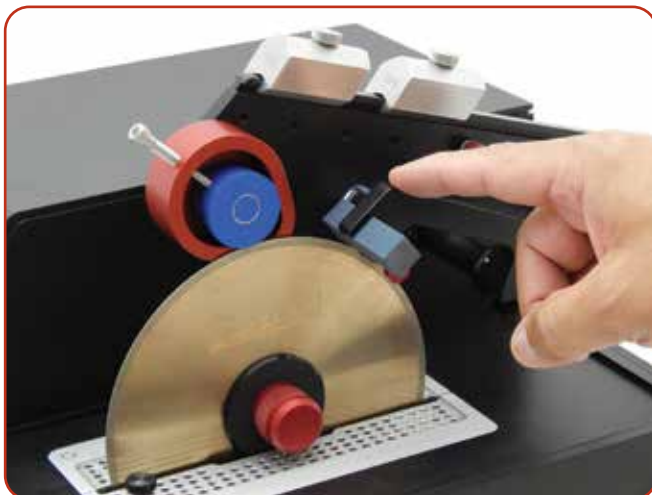
A 3.5" color LCD touchscreen is used to control all functions with an intuitive interface optimized for efficiency. The pivoting cutting arm has adjustable weights to apply or counterbalance downward force to the sample during sectioning. Cutting fluid is drawn from the reservoir by the blade to cool the sample. With a 3" to 6" blade range, samples up to 2" thick can be sectioned.



Sliding weights with graduated arm indicators provide variable load.


**Fixtures and consumables are sold separately.**

Item	Description
5-5275	TechCut 4x™, 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.

## Features:

- Gravity-fed cutting system
- 3–6" (75–150 mm) diameter blade range, 0.5" (12.7 mm) arbor hole
- 3.5" color LCD touchscreen to control all functions
- Variable speed: 10–500 RPM (in increments of 10 RPM) with five (5) adjustable preset buttons
- 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
- Precision machined aluminum and stainless steel construction that maximizes corrosion resistance and durability
- 0.06 HP (45 W) motor with durable reduction gearbox for constant high-torque output
- Sliding weights that provide variable sample loading: 0–300 grams
- Removable splash shield
- Removable coolant reservoir
- Removable catch screens that prevent sectioned pieces from falling into reservoir
- Two (2) year warranty
- Designed and manufactured by Allied in the USA 

## Fixtures

A wide variety of standard fixtures 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



**5-6026**  
Vacuum Fixture for:  
27 x 46 mm Glass Slide



**5-6030**  
Multipurpose Fixture



**5-8035**  
Dual Saddle Clamp



**5-8040**  
Swivel Attachment



**5-8080**  
Waxing Fixture



Optical shut-off sensor with adjustable stop



The 3.5" color LCD touchscreen is used to control all functions and is extremely easy to navigate, allowing greater efficiency among users.

# Global Distribution of the World's Finest Products



Brochure #: TC4x V2.0

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



Allied Equipment and Fixtures are  
Designed and Manufactured by  
Allied in the U.S.A.

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HIGH TECH PRODUCTS, INC.

- Cerritos, California
- Norwalk, California
- Edmond, Oklahoma

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