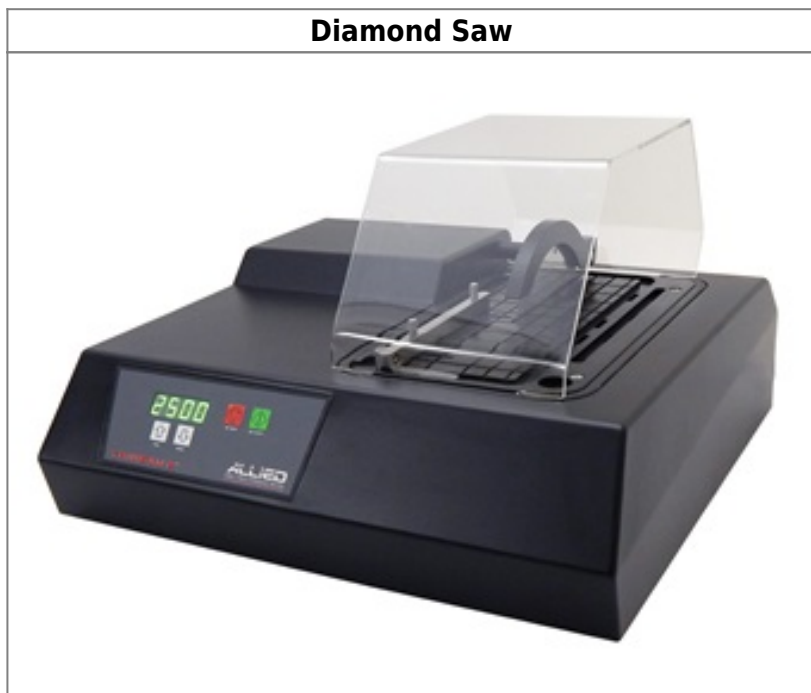


# Diamond Saw



**Tool Type:** "Cutting Tool"

**Location:** "Microfluidics Lab"

Supervisor	Tool Lead
David Bothman	
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**Description:** "Trim Saw 2"

**Manufacturer:** "Allied"

## About

The Trimsaw 2 is a saw designed for rapid sectioning of printed circuit boards, ceramic substrates and other abrasive non metals. Contains a built in reservoir which can be used to feed lubrication directly to the blade.

## Training

[trimsaw2SOP](#)

## Detailed Specifications

Motor power: .25 HP Speed range: 500-3000 RPM by 100 RPM increments Cutting platform: 6.75" x 12.5" Blade size: 4"-6"

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## Safety Concerns

- Keep hands clear of blade when machine is on
  - Use only approved blades and do not cut metals with sectioning blades
  - Use coolant or lubrication when making cuts
  - Use fixtures and guides whenever possible to reduce risk of slipping into the blade
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## Reference Documentation

- [Allied blade catalog](#)
  - [UKAM Industrial Superhard Tools](#)
  - [Kool Mist MSDS](#)
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