

# VC50

## Precision Diamond Saw

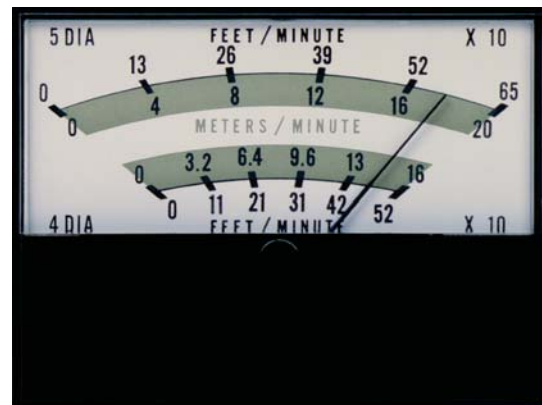
### LECO VC50 Vari/Cut Saw for Precision, Low Deformation Cutting

The LECO VC50 Vari/Cut is ideal for precise sectioning of ceramics, minerals, metals, and electronic components up to 1.5 in (38 mm) in cross-section with a minimum of material loss or deformation. Variable-speed selection to 500 rpm is continuously monitored and displayed in surface-feet-per-minute by a tachometer, and the patented LECO electronics maintain constant speed under varying load conditions. The VC50 will accept 5 in (127 mm), and 4 in\* (102 mm) diameter blades.

\*Requires 802-344, 1.8 in (46 mm) diameter flanges for maximum depth of cut.

#### Features

- 0 to 500 rpm variable-speed selection
- Precision micrometer in inches or millimeters for accurate positioning of samples
- Complete with a 5 in (127 mm) x 0.014 in (0.36 mm) thick diamond blade
- Sliding weight assembly provides convenient load applications
- Automatic shut-off allows unattended operation
- Vise for samples up to 1.50 in (38 mm) included



**Tachometer display in surface feet/  
meters-per-minute**



## Specifications

Electrical Power Requirements	115/230 V~ ( $\pm 10\%$ ), 50/60 Hz, single phase, 200 W
Wheel Speed	
Standard 5 in	50 to 650 SFM
Optional 4 in	50 to 525 SFM
Spindle Speed	0 to 500 rpm
Drive Motor	1/15 hp, 50 W
Dimensions	13 in H x 17 in W x 18 in D (330 mm x 432 mm x 457 mm)
Weight	52 lb (24 kg)

## Part Numbers

800-900	VC50 (115V) Package with english measurements
801-900	VC50 (115V) Package with metric measurements
800-900-200	VC50 (230V) Package with english measurements
801-900-200	VC50 (230V) Package with metric measurements
801-563	Thin Section Slide Holder*
801-567	Irregular Shape Specimen Holder*
801-724	Dressing Stick for 4 in or 5 in Blades*
802-344	Flanges for 4 in (102 mm) Blades

## Options

801-136	5 in Diamond Blade with 0.5 in Arbor Hole (0.014 in thick)
802-439	5 in Diamond Blade with 0.5 in Arbor Hole (0.025 in thick)
812-515	5 in Al <sub>2</sub> O <sub>3</sub> Blade with 0.5 in Arbor Hole (0.024 in thick)
801-137	4 in Diamond Blade with 0.5 in Arbor Hole (0.012 in thick)
811-146	4 in Al <sub>2</sub> O <sub>3</sub> Blade with 0.5 in Arbor Hole (0.010 in thick)
811-022	Cutting Oil, 1 pint (473 mL)
811-023	Cutting Oil, 1 quart (946 mL)
811-024	Cutting Oil, 1 gallon (3.78 L)

\*One included in VC50 package.

Specifications and part numbers may change.  
Consult LECO for latest information.

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