



**BUEHLER®**

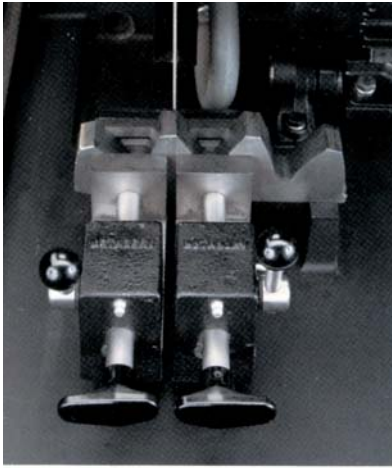
# **SAMPLMET® 2 ABRASIVE CUTTER**

- **Compact Manual Bench-Top Cutter Will Section Up to 1¼" (32mm) Diameter Solid Stock**
- **Built to Cut Smaller Parts and Components, and Fasteners**
- **1 HP (735W), Single Phase Motor and Economical 9" (229mm) Abrasive Cut-Off Wheels**
- **Large Viewing Window for Monitoring the Cutting Operation**
- **Includes One Left Hand Cam Activated Vise**
- **Flush Hose for Keeping the Cutting Chamber Clear of Swarf**
- **High Capacity Recirculating Coolant System to Supply an Even Flow of Coolant to the Wheel and Specimen**

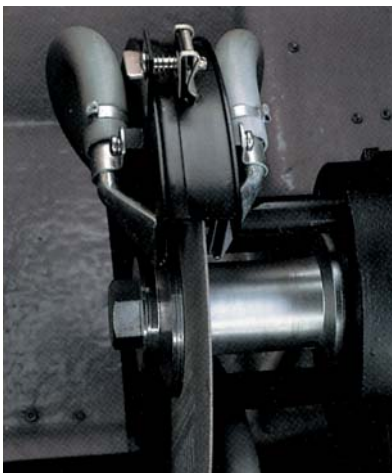
**ABRASIVE  
CUTTER**

**SAMPLMET® 2**

**BUEHLER®**



Cam activated vises (left hand vise standard) grip samples securely during sectioning.



Twin hose jets apply coolant to both wheel and sample during cutting operation.



Rubber sealed side ports allow sectioning of long stock.

## Specifications

**95-C1700-160 SAMPLMET® 2 Abrasive Cutter**, complete bench top unit with recirculating coolant system, includes totally enclosed cutter with 1 HP (735W) motor, 3400 RPM no load speed, 1¼" (32mm) diameter solid bar cutting capacity, 1½" (38mm) vise capacity, light alloy base casting, molded glass-reinforced-plastic-hood, left-hand cam activated vise, operator controls, clean-out hose, recirculating system with ¼ HP, 1 phase motor, baffled 7 gallon (27 liter) tank with flow control valve, 1" (25mm) coolant drain, interconnecting hoses and electrical cable. Includes samples of COOLMET™ and assorted 9" (229mm) abrasive cut-off wheels. Operating instructions. For 115V/60Hz/1 phase operation.

**95-C1700-220 SAMPLMET® 2 Abrasive Cutter**, same as above except for 220-240V/50Hz/1 phase operation, 2850 RPM no load speed.

**Dimensions:** 22" W x 21½" D x 16" H  
(55.9 x 54.6 x 40.6cm)

**Shipping Weight:** 161 lbs. (73kg)

## Accessories

**95-C1701 Right Hand Vise**, fast acting cam activated vise for gripping right side of specimen

**95-C1702 Fastener Vise**, special vise for gripping fasteners and other small parts and positioning them in close proximity to the cut-off wheel.

*For a complete listing of Buehler consumables supplies for use with the SAMPLMET® 2, please refer to Buehler's Consumables Buyers Guide. Buehler continuously makes product improvements; therefore, technical specifications subject to change without notice.*



## BUEHLER

BUEHLER LTD. – Worldwide Headquarters  
41 Waukegan Road • P.O. Box 1  
Lake Bluff, Illinois 60044-1699 USA  
Tel: 847/295-6500 • Fax: 847/295-7979  
Sales: 1/800/BUEHLER • 1/800/283-4537  
Web Site: <http://www.buehler.com>

BUEHLER GMBH - European and MESA Headquarters  
In der Steele 2 • 40599 Düsseldorf  
Postfach 16 03 55 • 40566 Düsseldorf  
Telefon: (49) 211 974100 • Telefax: (49) 211 9741079  
Web Site: <http://www.buehler-met.de> • Email: [info@buehler-met.de](mailto:info@buehler-met.de)

BUEHLER FRANCE  
Téléphone: 0800 89 73 71 • Télécopie: 0800 88 05 27  
Web Site: <http://www.buehler.fr> • Email: [info@buehler.fr](mailto:info@buehler.fr)

BUEHLER UNITED KINGDOM  
Telephone: 0800 707 6273 • Fax: 0800 707 6274  
Web Site: <http://www.buehler.co.uk> • Email: [sales@buehler.co.uk](mailto:sales@buehler.co.uk)

BUEHLER CANADA  
10 Carlow Court, Unit #2 • Whitby, Ontario L1N 9T7  
Telephone: (905) 430-4684 • Fax: (905) 430-4647  
Sales Telephone: 1-800-268-3593  
Email: [info@buehler.ca](mailto:info@buehler.ca)

BUEHLER ASIA  
5/F Vogue Centre • 696 Castle Peak Road  
Lai Chi Kok, Kowloon • Hong Kong, SAR, China  
Telephone: (852) 2307 0909 • Fax: (852) 2307 0233