

# BUEHLER® PWB Met™ Router

- Rout Coupons From Most Locations on Printed Wiring Boards
- No Induced Stress or Deformation of Coupons
- Routs Coupons From Multi-Layer Boards
- Self-Contained Vacuum System
- DC Router Motor



**The PWB Met™ Router** is designed to cut standard Buehler test coupons from printed wiring boards. It is useful for cutting coupons from multi-layer boards, which are too thick to be removed using a punch and die set. A test coupon can be routed from most locations of a board. By routing, no stress or deformation is placed on the coupon.

Additional features include the following:

- Dust collection is automatic and cuttings are collected in a vacuum bag located on the back of the router.
- The DC router motor utilizes a 1/8" (3.175mm) diameter drill routing bit. Cut coupons are .740" x .490" (18.8mm x 12.45mm) in size and are designed to fit into Buehler's PWB Met Digital Alignment Drill as well as other mounting fixtures.
- The PWB Met Router can be modified to accommodate standard high density boards and multi-layer boards up to 0.25" H x 18" W x 24" L (6.35mm x 457.20mm x 609.60mm).

**Specifications:**

**60-5180-115 PWB Met Router** features include a precision router, table with X and Y axis clamps, vacuum system with dust bag collection, two PWB Met 1/8" (3.175mm) diameter carbide router bits, PWB Met test coupons with 0.004"/0.006" (100µm/150µm) diameter holes, 60-5183 set of 5 vacuum bag refills and operating instructions on 115V/60Hz/1 phase.

**Dimensions:** 18.5" H x 24" W x 20.5" L (47cm x 61cm x 52cm)

**Shipping Weight:** 56 lbs. (26 kg)

**60-5180-220 PWB Met Router** is the same as 60-5180-115 except for 220-240V/50Hz/1 phase.

**Accessories**

**60-5181 PWB Met Carbide Router Bits**, 1/8" (3.175mm) diameter, set of 3

**60-5182 PWB Met Coupons**, with 0.004"/0.006" (100µm/ 150µm) diameter through-holes, set of 10

**60-5183 PWB Met Router Vacuum Bag Refills**, set of 5



Printed wiring board clamped in router. A plastic safety shield directs cuttings into the vacuum dust collection system.



Vacuum system and dust collection bag.

*For a complete listing of Buehler Equipment and Consumables, please refer to our Buehler Equipment and Consumables Buyer's Guides. Buehler continuously makes product improvements; therefore, technical specifications are subject to change without notice.*

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**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>  
 Email: [info@buehler.com](mailto:info@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: 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