

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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