



MPC TEST KIT (ASTM D7843) – PORTABLE FIELD UNIT

APPARATUS AND MATERIALS FOR PREPARING MEMBRANE PATCH USED TO DETERMINE MPC VARNISH POTENTIAL

Overview

To complete membrane patch colorimetry (MPC) varnish potential testing, you require the MPC Test Kit apparatus, Vacuum Pump and Spectrophotometer. Each component is sold separately. Please see our MPC Varnish Potential White Paper for a detailed overview and link to a video demonstration.

The EPT MPC Test Kit has been carefully assembled to include the key items required for preparing a 47 mm membrane patch. The portable filter assembly has been selected for its high durability and quality, which make it ideal for field use. An alternative laboratory kit based on standard glassware is also available. Either style kit is used to prepare a membrane patch for varnish potential determination as outlined in ASTM D7843.

Key Features of the MPC Test Kit

- High quality, rugged design and stainless steel construction.
- Includes all materials and consumables required (excluding solvent) to prepare the patch used for measuring MPC varnish potential.
- Simple to use, with step-by step instructions and video demonstration.
- Packaged in water-tight, Pelican™ brand case.

Expert Support

Access to our expert chemistry team is included with the purchase of our MPC varnish potential testing products. Our chemistry team has completed 1000s of MPC varnish potential tests. From answering a quick question to in-depth technical support, you will have invaluable access to experts for all aspects of MPC testing.

Warranty

1 year.

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Apparatus and Consumables (Excluding Solvent) to Prepare 47 mm Patch

APPARATUS	
Part Number 601480	<ul style="list-style-type: none">• Stainless steel sample reservoir, 100 mL capacity• Stainless steel waste container, 200 mL capacity• Stainless steel patch assembly with support backing• Water tight storage and transport case, Pelican™ brand Vacuum Pump, and Spectrophotometer sold separately (see Product Sheets).
CONSUMABLES	
Petroleum Ether	50-100 mL petroleum ether required per test (not offered).
Filter Patch	47 mm, 0.45 µm nitrocellulose patch. Quantity 25, included with patch test kit. Replacement part number 601496.
Misc. Accessories	<ul style="list-style-type: none">• Graduated beaker to mix solvent and lubricant, >100 mL capacity• Solvent wash bottle to rinse patch after test, 100 mL capacity• Waste container, >100 mL capacity• Mixing rod and laboratory tweezers Quantity 1 each, included with patch test kit. Replacement part number 601509.