



NCAT Field Permeameter Kit

The NCAT field permeameter kit is designed by the National Center for Asphalt Technology. The falling-head permeameter determines the rate of water flow through asphalt pavement. The AP-1B provides an accurate, on-site estimation of permeability, eliminating the need for coring, patching and laboratory testing. Any corrections needed to mix and placement procedures can be implemented right away. With no extensive training a test can be completed within 10-15 minutes by a single technician.

The graduated standpipe is supplied in two sections and made of rugged plastic. Preparing for operation a sealing material is placed on the base plate and the unit is positioned on the test site against the pavement. Once water has filled the unit, testing begins with outflow being observed against the marked graduations and timed. The uppermost tier provides rapid determinations in low-porosity pavements. Larger diameter tiers give plenty of time to accurately read flow on more porous pavements.

AP-1B Kit Includes:

- 4-tiered graduated permeameter
- Alternate top section
- Filling tube
- Package of moldable sealant material
- Whisk broom for test prep
- 5lb base weights (4/kit)
- Carrying case

