

# EasyTest™ Series

## EPK EasyTest™ Patch Test Kit



### Description

The new Patch Test Kit from Schroeder provides the necessary tools to determine levels of both water and solid particulate contamination present in a particular fluid sample. The kit is named for the patch method used to visually assess the amount of solid contaminants. Using the vacuum pump contained in the kit, the fluid sample is drawn through a membrane patch. The residual dirt left on the patch is viewed under a microscope and compared to photos of known contamination levels in the Schroeder Contamination Handbook (included) for a visual assessment. The handbook also provides photos of various contaminants for use in identifying the type of particulate and its possible source(s).

The water sensing device included in this kit is an aluminum mixing vessel with a small LCD display and microprocessor built into the lid – the same one featured in our EWC (EasyTest™ Water Contamination Sampler) kit. When the two reagents supplied in the kit (one liquid and one powder) are mixed with the sample fluid in the cell, the resulting chemical reaction causes an increase in pressure within the vessel. This change in pressure is converted into water content and displayed on the screen in terms of parts per million (ppm) or % by volume.

### Features

- Compatible with hydraulic and lube oils
- Provides results on site in a matter of minutes
- Determines both solid and water contamination levels
- Includes all necessary equipment in a single lightweight case

### Applications

- Perform quick on-site determination of contamination levels of solid particulate, water, or both
- Supplement on-site laboratories
- Use as a tool to demonstrate need for improved filtration

### Model Number Selection

EasyTest™ Patch Test Kit

EPK-K	No options
EPK-S	Patch Test Kit without water measurement capability

**Preferred order codes designate shorter lead times and faster delivery.**

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Kit as supplied includes:

Quantity	Description
1	Mixing chamber
2	Reagent A (solvent), 500 ml bottle
1	Reagent B, 50 packets
3	Syringe, 5 ml
1	Syringe, 10 ml
1	Syringe, 30 ml
1	Disposable rubber gloves, bag containing 50 pairs
1	Scissors
1	Tweezers
50	Membrane patches, 0.8 µm, 25 mm diameter
50	Plastic covered slides
1	Microscope, 100x, with flashlight
1	Vacuum pump with folding stand
1	Receptacle bottle, threads onto vacuum pump
1	Plastic funnel
3	Plastic sample bottle, 4 oz
1	Case with foam insert
1	Contamination handbook
1	Instruction manual

Please note: Kit contents subject to change at the discretion of the manufacturer.

Part Number	Description
EPK-115	Plastic sample bottle
EPK-116	Membrane patches, 0.8 µm, 25 mm diameter, qty. 50
EPK-120	Plastic covered slides, slides, qty. 50
EPK-112	Replacement parts pack, includes: 2 Reagent A (solvent), 500 ml bottle 1 Reagent B, 50 packets 3 Syringe, 5 ml 1 Disposable rubber gloves, bag containing 50 pairs 1 Scissors 1 Tweezers

## Consumables

TCM  
 TCM-FC  
 TMU  
 SMART® Kit  
 TPM  
 TIM  
 CTU  
 TWS-C  
 ET-100-6  
 HMG 3000  
 EWC  
**EPK**  
 HTB  
 GS  
 Trouble  
 Check Plus  
 Test Points  
 Adapters  
 Hose  
 Joiners  
 Microflex  
 Hose  
 Pressure  
 Limiters  
 Pressure  
 Gauges  
 Test Kits  
 Probalizer  
 AFM  
 MSS, MDS  
 MFS, MFD  
 AMS, AMD  
 KSS, KSD  
 KLS, KLD  
 AKS, AKD  
 KLC  
 X Series  
 HFS  
 MTS  
 SVD  
 Appendix