

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

How to Build a Valid Model Number for a Schroeder EasyTest™ Patch Test Kit:

BOX 1

Example: NOTE: One option per box

BOX 1

Model	OR	Model
EPK-K No Options		EPK-S Patch Test Kit without water measurement capability

Preferred order codes designate shorter lead times and faster delivery.

EasyTest™ Series

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: <ul style="list-style-type: none"> 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
 TSU
 TMU
 TPM
 TIM
 TMS
 CTU
 TWS-C
 ET-100-6
 HMG 3000
EPK
 HTB
 GS
 Trouble
 Check Plus
 Test Points
 Adapters
 Hose
 Joiners
 Microflex
 Hose
 Pressure
 Limiters
 Pressure
 Gauges
 Test Kits
 Probalizer
 Filtration
 Station
 MFS, MFD
 AMS, AMD
 KLS, KLD
 AKS, AKD
 KLC
 X Series
 MTS
 HFS
 SVD
 TDS-A
 TDS-E
 IXU
 Appendix