

# EPK EasyTest™ Patch Test Kit

## Introduction

The 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. 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. The optional water sensing device is an aluminum mixing vessel with a small LCD display and microprocessor built into the lid. 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
- Determines both solid and water contamination levels
- Provides results on site in a matter of minutes
- Includes all necessary equipment in a single lightweight case

## Kit Includes

Two options available when ordering the test kit:

EPK-K | with water sensor or EPK-S | without water measurement capability

- |                                      |   |
|--------------------------------------|---|
| ■ Water Contamination Mixing Chamber | ■ Solvent Filters, 25mm                                 |
| ■ Reagent A, 500 ml bottle           | ■ Plastic Sample Bottles, 100 ml                        |
| ■ Reagent B, 50 packets              | ■ Wash Bottle with Filter Assembly                      |
| ■ Syringe, 10 ml                     | ■ Plastic Funnel  |
| ■ Syringe, 30 ml                     | ■ Microscope, 100x                                      |
| ■ Disposable rubber gloves (50)      | ■ Flashlight  |
| ■ Tweezers                           | ■ Patch Membranes, 50 pcs, 0.8µm, white with black grid |
| ■ Carrying case                      | ■ Glass Slides, 72 ea. box                              |
| ■ Contamination Handbook             | ■ Plastic Bottle, threads onto vacuum pump              |
| ■ Vacuum Pump                        |   |

\*Kit contents subject to change at the manufacturer's discretion.

**Schroeder**  
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