

# Water Detection Kit

Hydrokit® HKD Series

Detection of Free Water in Diesel



## DESCRIPTION

The HYDROKIT® is an effective “Go, No-Go” field test designed to periodically check for free water, which is removed to ppm levels by properly operating filter/ separators, **Aquacon®**, and monitor vessels. Samples are normally taken downstream of the vessel, but they can also be taken at other points in the fuel distribution system.

The HYDROKIT® is designed to indicate free water in excess of 200 ppm by changing the powder contained in the sample tube to a pink color. Other concentrations can be estimated using the other colors on the card. (cont'd)



## CONTACT INFORMATION

Parker Hannifin Corporation  
**Hydraulic & Fuel Filtration Division**  
1210 Garden of the Gods Road  
Colorado Springs, CO 80907

tel +1 719 531 5855  
fax +1 719 531 5690  
vfsales@parker.com

[www.velcon.com](http://www.velcon.com) | [www.parker.com](http://www.parker.com)

## FEATURES

- Easy to Use – Automatically controls the sample size. Simple evaluation by color comparison.
- Shelf Life – For details on shelf life refer to date on box or contact us at 1-800-531-0180.
- Responds Consistently – Responds consistently in a wide variety of undyed diesel fuels.
- Carefully Controlled Quality – Manufactured by Parker HFFD to strict quality control specifications.

The HYDROKIT® provides better water determination than ASTM D2709 or D4176. The HYDROKIT® is designed for “fail-safe” operation, with false negative readings unlikely. Almost any error in performing the test will indicate the presence of wet fuel. If the sample indicates the presence of excessive water, it is always a good practice to repeat the test on a second sample.

### APPLICATIONS

- Diesel Fuel, undyed
- Not for use with Avgas

### ORDERING INFORMATION

MODEL	QTY OF TEST TUBES
HKD 25	25

Each model above comes complete with:

- Sample tubes
- Wide mouth glass sample jar(s)
- Needle holder assembly
- Instruction card
- Color indicator comparison card

### HOW TO USE THE HYDROKIT



Sample bottle must be clean



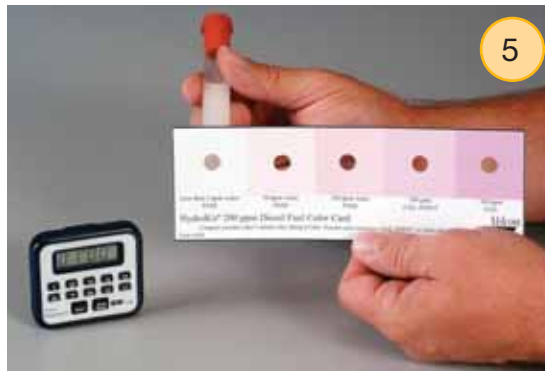
Take sample downstream of vessel



Push tube down into needle holder in sample.



After tube fills, shake for 15 seconds. Set upright to allow powder to settle.



Check powder color at one minute.



If color is the same or darker than FAIL, more than 200 ppm of free water is present.