

# Water in Fuel Detection Kit

Hydrokit® HK MKII Series “Go...no go” field water detect kit for Aviation Fuel.

Two Year Shelf Life



## DESCRIPTION

The Hydrokit® MKII 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® MKII is designed to indicate free water in excess of 30\* ppm by changing the powder contained in the sample tube to a pink color. Thirty ppm is generally accepted as the maximum amount of water permissible when fueling aircraft. The Hydrokit® MKII 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.



## CONTACT INFORMATION

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## BENEFITS

- **Easy to Use** – Automatically controls the sample size. Simple evaluation by color comparison.
- **Shelf Life** – Two year shelf life. Refer to date on box.
- **Responds Consistently** – Responds consistently in a wide variety of aviation jet fuels.
- **Carefully Controlled Quality** – Manufactured by Parker AFD to strict quality control specifications.

## APPLICATION

- Aviation Jet (Turbine) Fuels
- Not for use with Avgas or Diesel Fuel
- For use with Cat M fuel (pre-blended or additized fuel), please see Service Bulletin 1217



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## ORDERING INFORMATION

MODEL NO.	QTY OF TEST TUBES	
HK600MKII	600	(6 ea. HK100MKII)
HK600MKII-15	600	(6 ea. HK100MKII-15, 15 ppm sensitivity)
HK100MKII	100	
HK100MKII-15	100	(15 ppm sensitivity)

Each model above comes complete with:

- sample tubes
- wide mouth glass sample jar(s)
- needle holder assembly
- instruction card
- color indicator comparison card



**1** Sample bottle must be clean.



**2** Take sample **DOWNSTREAM** of vessel.



**3** Push tube down into needle holder in sample.



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



**5** Check powder color at two minutes.



**6** If color is the same or darker than **FAIL**, more than 30\* ppm of free water is present.

\*(15 ppm of free water in HKxxx-15 tubes.)