



# HYDROKIT<sup>®</sup> MKII

## Two Year Shelf Life

## Detect Free Water in Aviation Fuel

### FEATURES

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

### DESCRIPTION

The Hydrokit<sup>®</sup> 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<sup>®</sup>**, 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.

### APPLICATIONS

- Jet fuel
- Not for use with avgas or diesel fuel



### ORDERING INFORMATION

<u>MODEL NO.</u>	<u>QTY</u>	<u>OF TEST TUBES</u>
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

\*in excess of 15 ppm in HKxxxMKII-15 tubes. These tubes are used where ATA-103 requirements are specified at 15 ppm of water maximum.

# How To Use HYDROKIT®

**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 HKxxxMKII-15 tubes.)

**Velcon**

Velcon products are sold and serviced by a world-wide representative network. To order, contact Headquarters or your LOCAL REPRESENTATIVE:

COMPANY HEADQUARTERS:  
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