

Water in Fuel Detection Kit

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



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 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® 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.



HK-100

CONTACT INFORMATION

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BENEFITS

- **Easy to Use** – Automatically controls the sample size. Simple evaluation by color comparison.
- **Shelf Life** – One 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	
HK600@	600	(6 ea. HK100)
HK600-15	600	(6 ea. HK100-15, 15 ppm sensitivity)
HK100@	100	
HK100-15	100	(15 ppm sensitivity)
HK25	25	
HK25-15	25	(15 ppm sensitivity)
HK3	3	
HK3-15	3	(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



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
two minutes.**



**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.)**