

# Helipath Stand

...designed for measurement of non-flowing substances



For viscosity/consistency measurement of gels, pastes, creams, putty, gelatin and other non-flowing substances.

A Brookfield Viscometer or Rheometer is mounted on the Helipath drive motor and a T-bar spindle is attached to the viscometer using a special coupling. The drive motor slowly lowers or raises the viscometer so that the T-bar spindle creates a helical path through the test sample thus eliminating the problem of "channeling".

Compatible with standard Brookfield Viscometers and DV-III Ultra Rheometers

Simple to set up and clean

Provides a solution for hard-to-measure materials

Complete with drive motor, 6 T-bar spindles with coupling, case, lab stand, rod and base



The Helipath Stand can be used with any standard Brookfield Viscometer model, and is supplied complete with a set of six T-bar spindles and a special coupling.

## Helipath Viscosity Ranges cP(mPa·s)

	DIAL, DV-E, DV-I+	DV-II+P	DV-IIIU
LV Viscosity Range	156 - 3,120K	156 - 9,360K	156 - 9,360K
RV Viscosity Range	2K - 20M	2K - 100M	2K - 100M
HA Viscosity Range	4K - 40M	4K - 200M	4K - 200M
HB Viscosity Range	16K - 160M	16K - 800M	16K - 800M

\*\* Maximum range shown is at 0.1 rpm K = 1 thousand M = 1 million cP = Centipoise mPa·s = milliPascal-seconds

## BROOKFIELD ACCESSORIES

United States: T: 800.628.8139 or 508.946.6200 F: 508.946.6262 [www.brookfieldengineering.com](http://www.brookfieldengineering.com)

United Kingdom: T: 01279 451774 F: 01279 451775 [www.brookfield.co.uk](http://www.brookfield.co.uk)

# Quick & Easy Design Saves Time



Detail of UL Adapter: 1. Locating Channel Assembly, 2. Water Jacket, 3. Chamber Tube, 4. Collar with thumbwheel, 5. Tube End Cap, 6. Spindle with universal coupling



## Quick & easy attachment of spindle:

Longer coupling nut for better grip and twist action to connect spindle to viscometer.

Redesigned bracket for attaching ULA assembly to viscometer. Provides more clearance for finger grip on coupling nut.



## Quick & easy removal of chamber:

Simply loosen thumbwheel, chamber slides down and out.

Permits rapid testing of multiple samples by swapping out chambers.

Choice of leaving spindle attached to viscometer or disconnecting spindle and removing it with chamber.

Water jacket sleeve remains in place attached to viscometer while chamber and/or spindle only are removed. Saves set up time for the operator.

## What's Included?

Locating Channel Assembly

Spindle (304 s/s)  
with universal coupling nut

Collar assembly with thumbwheel

Water Jacket

Chamber Tube

Tube End Caps (package of 6)

## Optional Accessories

Closed Tube and Spindle  
made from 316 s/s

## Unique ULA Assembly Design Provides Multiple Benefits:

Sturdy collar attaches to locating channel assembly which is connected to viscometer pivot cup.

Sample chamber is held firmly in place by the collar which provides proper alignment for the spindle rotation within the chamber.

Universal coupling nut on spindle ensures firm connection with viscometer and automatic self-centering of spindle in chamber during rotation.

Direct immersion of chamber in temperature bath is quick and easy.

Water jacket grips slide over collar and operator manually aligns the collar/jacket assembly to allow easy insertion of chamber containing sample to be tested.



Brookfield Engineering Laboratories, Inc.

11 Commerce Boulevard  
Middleboro, MA 02346-1031 USA  
T: 800.628.8139 or 508.946.6200 F: 508.946.6262  
W: www.brookfieldengineering.com