BROOKFIELD AMETEK

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Standard
Limited Functionality

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HPQA™, Helipath Quick Action Stand Features Guide

	HPQA™	vs Legacy Helipath	vs Other Models
Unpack	One box for all components	Helipath and lab stand are packaged separately	Loose components that require extensive assembly
Assembly	Under 2 minutes ▲	Under 5 minutes ★	More than 1 hour ■
User Interface	User-friendly and intuitive touchscreen	"On/Off" Switch only	Not intuitive
Setting Home Position	Automatic at startup, or press "Home" button	Manual lever	Multi-step process
Finding Start Position	Variable speed joystick/ Programmable ✚	Manual lever	"Up/Down" buttons on instrument chassis
Setting Start Position	Automatic when test begins, or press and hold "Position 1" button	Clunky mechanical stop adjustment ring	Multi-step process
Finding Bottom Position	Variable speed joystick/ Programmable ✚	Manual lever	"Up/Down" buttons on instrument chassis
Setting Bottom Position	Adjustable slide stop/ Programmable ✚	Less straightforward, mechanical stop adjustment ring	Multi-step process
Stop /Abort Test	"Stop" button	"On/Off" Switch in back	"Stop" button
Return to Start Position	Automatic or joystick	Wait for sled to return on its own, or use the Manual lever	Automatic when test ends
Return to Home Position	One touch on-screen	Wait for sled to return on its own, or use the Manual lever	Multi-step process
Time to set up a Test ●	Under 45 seconds	Under 55 seconds	More than 2 minutes
Motorized quick actions	Variable speed (up to 40 mm/s) motorized action for fast and repeatable setup of all viscosity tests	No motorized quick action features. Must use manual lever	Slow travel speed. No travel distance indicator
● Test set up involves attaching a spindle (magnetic), finding & setting the start position, finding & setting the bottom stop position, return-ing to start position, and starting the test	Digital Counter for measuring sled location on the extrusion allows for easily reproducible tests	Manual Lever adjustment is subjective and difficult to reproduce	Must enter spindle number each time the spindle is attached even if using the exact same spindle. Unit does not have a digital counter to measure starting or stopping points making this subjective and difficult to reproduce.

▲ Assemble Lab Stand (One Bolt), plug it in.
★ Assemble Lab Stand (One Bolt), slide 1st mechanical stop adjustment ring onto the stand, slide Helipath onto stand, slide 2nd mechanical stop adjustment ring onto stand. Plug it in.
■ Major assembly, including partial disassembly of their viscometer, is required to assemble. Customer is also required to grease the gear with supplied lubricant.
✚ Integrated mode with DVPlus offers additional programming and automated features.

Repeatable Reliable Accurate