

Thermosel

The Brookfield Thermosel provides a stable, precisely controlled sample environment. This, together with the inherent accuracy of the Brookfield Viscometers, is fundamental to the Thermosel System, which produces viscosity measurements that are not only accurate but entirely reproducible.

Compatible with standard Brookfield Viscometers and DV-III Ultra Rheometers

Note: requires optional cable DVP-141

Provides control of sample temperature up to +300°C



Temperature Ramping between set points is possible if used with Rheocalc (DV-III Ultra & DV-II+Pro) Software

Note: Requires optional cable HT-106

Thermo Container (Heating Chamber)



Programmable Temperature Controller offers single set point or up to 10 programmable set points.



Extracting Tool enables the sample chamber to be handled easily and safely.



Alignment Bracket ensures concentricity of spindle and sample chamber.



Other components supplied include sample chamber holder, RTD probe, insulating cap, coupling link, coupling nut and choice of SC4 spindle.

What's Included?

Choice of one SC4 Spindle

Specify when ordering

Alignment Bracket

Thermo Container with safety guard and insulating cap

1 Removable Sample Chamber

5 Disposable Sample Chambers

Order additional chambers in quantities of 100, HT-2DB-100

Extracting Tools

Temperature Controller with an RTD probe

Optional



Option: Disposable Sample Chamber with optional Disposable Spindle SC4-27D is ideal for asphalts or any difficult-to-clean material.

Order disposable SC4-27D spindle in quantities of 100, Part No. SC4-27 D-100.

Requires special chuck/closer, Part No. SC4-DSY, for attachment to viscometer.

Order disposable HT-2DB chambers in quantities of 100, Part No. HT-2DB-100.

Thermosel Viscosity Ranges (mPa*s)

MODEL

LVDV-IIIU	1.2-30K	12-300K	24-600K	
LVDV-II+Pro	1.5-30K	15-300K	30-600K	Not applicable for
LVDV-I Prime	3-1 OK	30-100K	60-200K	historical reasons
LVDVE	3-1 OK	30-100K	60-200K	However, it is possible to
LVT	5-1 OK	50-100K	100-200K	use the above
RVDV-IIIU			20-500K	100-2.5M
RVDV-II+Pro			25-500K	125-2.5M
RVDV-I Prime			50-170K	250-830K
RVDVE	spindle/chamber		50-170K	250-830K
RVT	combinations with any of		50-100K	250-500K
HADV-IIIU	these instruments. Digital		40-1M	200-5M
HADV-II+Pro	Viscometers/Rheometers		50-1M	250-5M
HADV-I Prime	will automatically calculate		100-300K	500-1.7M
HADVE	viscosity. Please contact		100-300K	500-1.7M
HAT	Brookfield or an authorized		100-200K	500-1M
HBDV-IIIU	dealer if you require		160-4M	800-20M
HBDV-II+Pro	information on viscosity		200-4M	1K-20M
HBDV-I Prime	range.		400-1.3 M	2K-6.7M
HBDVE			400-1.3 M	2K-6.7M
HBT			400-800K	2K-4M

MODEL

LVDV-IIIU			1.0-1 OK
LVDV-II+Pro	Not applicable for historical reasons		3.4-1 OK
LVDV-I Prime	See note above		3.4-1 OK
LVDVE			N/A
LVT			5.7-1 OK
RVDV-IIIU	200-5M	400-10M	14.6-10K
RVDV-II+Pro	250-5M	500-10M	36.5-1 OK
RVDV-I Prime	500-1.7M	1 K-3.3M	36.5-1 OK
RVDVE	500-1.7M	1 K-3.3M	N/A
RVT	500-1M	1K-2M	36.5-1 OK
HADV-IIIU	400-10M	800-20M	29.2-1 OK
HADV-II+Pro	500-10M	1K-20M	73.0-1 OK
HADV-I Prime	1 K-3.3M	2K-6.7M	73.0-1 OK
HADVE	1 K-3.3M	2K-6.7M	N/A
HAT	1K-2M	2K-4M	73.0-1 OK
HBDV-IIIU	1.6K-40M	3.2K-80M	116.8-1 OK
HBDV-II+Pro	2K-40M	4K-80M	292.0-1 OK
HBDV-I Prime	4K-13.3M	8K-26.7M	292.0-1 OK
HBDVE	4K-13.3M	8K-26.7M	N/A
HBT	4K-8M	8K-16M	292.0-1 OK