HIGH TEMPERATURE KINEMATIC VISCOSITY BATHS

- **Conform to ASTM D445, D2170, D2171**
- **Bath Temperature Stability of ±0.02°C**
- **Temperature ranges from +20°C to +250°C**
- **Digital Indicating PID Controller**

All models conform to the most recent ASTM D445 specifications using a digital indicating PID temperature controller providing bath stability and uniformity of ±0.02°C. Models with cabinets are made of anodized aluminum frame and panels. A safety viewing window in front of the bath jar provides an insulating air space and protection against breakage. The cabinet improves the temperature stability by reducing the effects of drafts. The jar is illuminated from the bottom by a fluorescent light for easy reading of the meniscus.

Model 86-20 has a 305 mm (12 inch) cubed Pyrex jar enclosed in a safety cabinet. The 7 test positions located near the front of the viewing window allow easy view of the viscometers. Temperature range is 20° to +150°C. The digital indicating controller has a display resolution of 0.01°C.

Model 86-16D is an economical, traditional round jar with capacity to accept 7 viscometers. Due to safety concerns of an open jar, the operating temperature is from +20° to +60°C. Control is provided by a digital indicating controller with 0.1°C resolution.

Model 86-16A is an economical viscosity bath identical to Model 86-16D but using a non-indicating analog controller.

Model 86-17D is the same as Model 86-16D but with a temperature range of +20'C to +100°C. A protective Plexiglas tube is supplied for improved temperature stability and improved operator safety.

Also for Methods:	
ASTM	D445, D2170, D2171
ISO	3104
IP	71
FTM	791-305
DIN	51 550
NF	T60-100

Model 86-18D is similar to Model 86-16D but has a digital display controller with 0.01'C resolution.

Model 86-25 is a bench space saving compact viscosity bath with 3 test positions in a protective cabinet and with a temperature range of +20° to 100°C. A digital indicating controller with a display resolution of 0.01'C provides temperature control of +/-0.02'C. The jar is illuminated for easier meniscus reading.

Model 86-500 is similar to Model 86-20 but with the capacity of operating from +20° to +250°C. Temperature stability above 150°C is ±0.5°C. The jar is enclosed in an insulated safety cabinet able to protect the operator from the hot liquid in case of jar breakage. The jar is illuminated for easier meniscus reading.

▲ Model 86-20

AVAILABLE MODELS

Model No.	Operating Temperature	Description	Dimensions inches (cm)	Ship. Weight lbs/cu.ft
86-16A	+20° to +60° C	Open Jar - Analog Controller	14 x 14 x 18 (35 x 35 x 45)	150/13
86-16D	+20° to +60° C	Open Jar - 0.1° C Digital Controller	14 x 14 x 18 (35 x 35 x 45)	150/13
86-17D	+20° to +100° C	Open Jar, Protective Tube Shield 0.1°C Digital Controller	14 x 14 x 18 (35 x 35 x 45)	150/13
86-18D	+20° to +100° C	Open Jar, Protective Tube Shield 0.01°C Digital Controller	14 x 14 x 18 (35 x 35 x 45)	150/13
86-20	+20° to +150° C	Enclosed Cabinet Square Jar 0.01°C Controller	17 x 17 x 30 (43 x 43 x 75)	190/14
86-25	+40° to +100° C	Enclosed Cabinet 3 Test Positions 0.01°C Controller	12 x 23 x 13 (30 x 33 x 58)	180/13
86-500	+20° to +250° C	Enclosed Cabinet Square Jar 0.01°C Controller	26 x 19 x 29 (65 x 48 x 73)	190/15