

JULABO Thermal Bath fluids

JULABO Thermal bath fluids are carefully selected and subjected to long-term testing. They are ideally suited to temperature control tasks in specialized systems and help ensure safe and reliable operation. Selection of a suitable bath fluid is of critical importance for achieving the best possible results. Viscosity, oxidation properties, and heat conductivity of Thermal bath fluids are specially adapted for use with JULABO temperature control units.

Working temperature ranges Presto[®] PLUS, Magnum 91 -100 0 100 200 *C Thermal P60 Thermal P90

200

300

*C

Forte HT working temperature ranges

Thermal H350

100

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Benefits

- Wide temperature ranges
- Low viscosity
- High stability
- Good heat conductivity
- Minimum odor
- Low corrosion tendency
- Low toxicity
- Long shelf life

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JULABO Description		Thermal P60	Thermal P90	Thermal H350
JULABO Order No.	10 liters 5 liters	8 891 412 8 891 413	8 891 414 8 891 415	8 940 111

Models/Working temperature ranges and specifications

Presto [®] PLUS, Magnum 91	°C	-60 +250	-90 +170	not suitable
Forte HT		not suitable	not suitable	+30 +350
Flash point	°C	+135	>+75	+200
Fire point	°C	+443	>+430	+246
Viscosity, kinetic	mm²/s	<8 at 0 °C	3.5 at 0 °C	47 at +20 °C
Density at +20 °C	g/cm ³	0.918	0.873	1.022
Pour point	°C	-65	-100	<-34
Boiling point	°C	>+205	+229	+390
Ignition temperature	°C	>+443	+430	+450
Color		clear	clear	light yellow



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