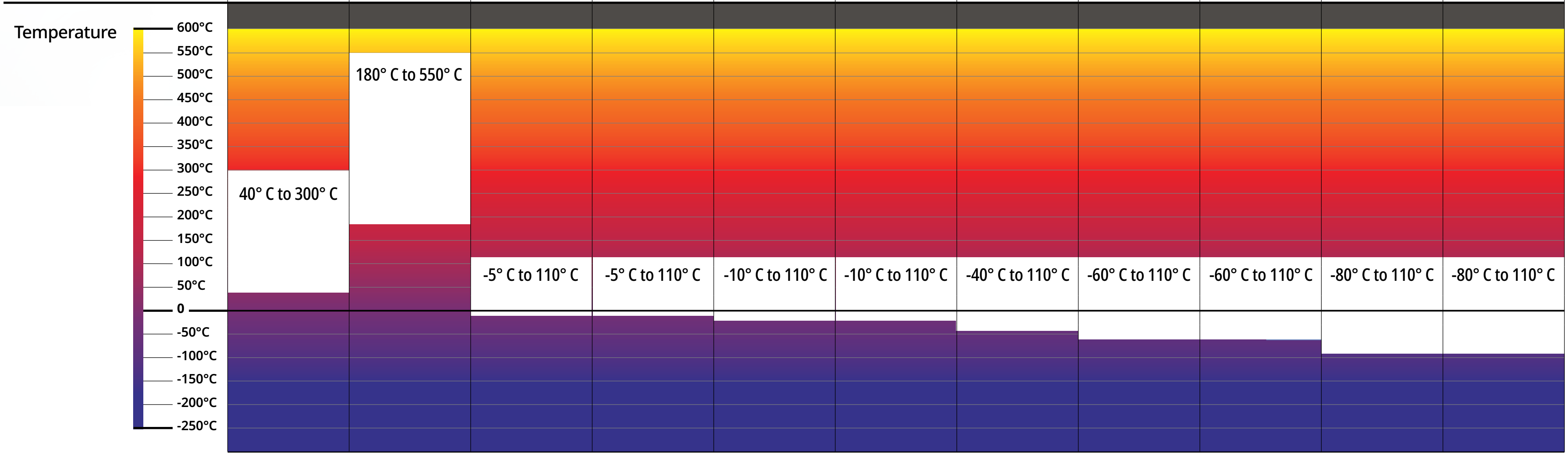
FLUKE®
Calibration

Comparing the Calibration Bath Family

Bath Selection Guide

Standard

	6020	6050H	7008	7008-IR	7011	7012	7037	7060	7061	7080	7081
Workload											
Temperature Sensors	•	•	•		•	•	•	•	•	•	•
RTDs	•	•	•		•	•	•	•	•	•	•
Thermistors	•	•	•		•	•	•	•	•	•	•
Temperature Transmitters	•	•	•		•	•	•	•	•	•	•
Liquid in Glass	•		•		•	•	•	•	•	•	•
TPW						•					
IR Standards				•							



Don’t see what you want? Contact Fluke about custom baths.

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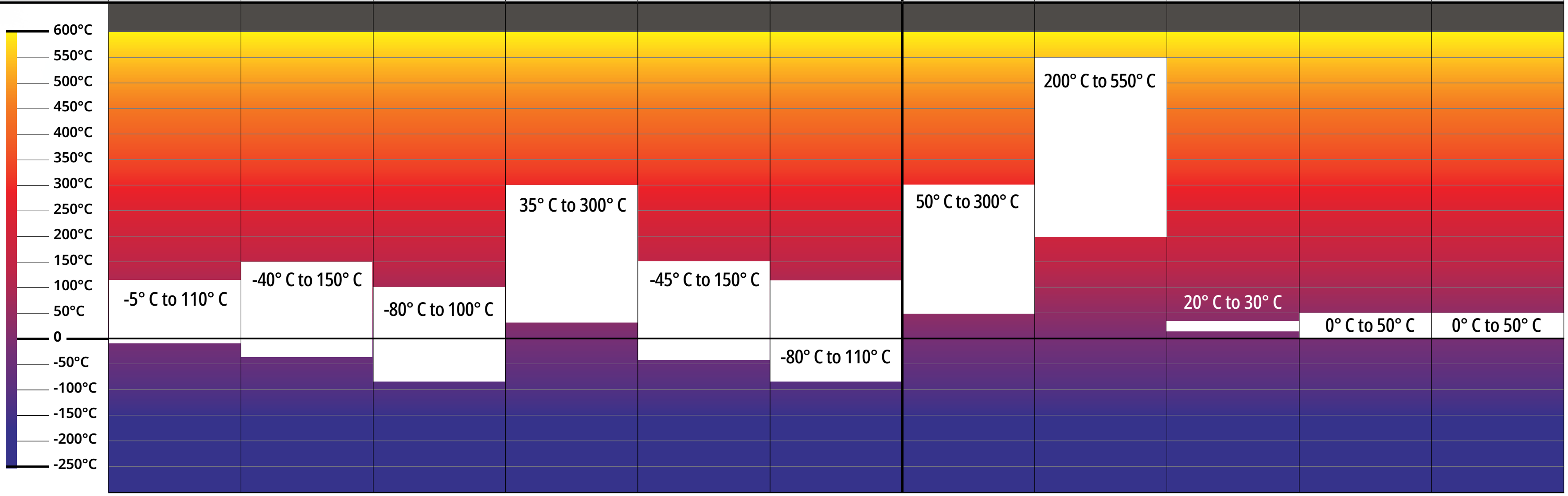
FLUKE **Calibration**

Compact and Specialized

	7312	7340	7380	6331	7341	7381	6054	6055	7108	7009	7015
Workload											
Temperature Sensors		•	•	•	•	•	•	•			
RTDs		•	•	•	•	•	•	•			
Thermistors		•	•	•	•	•	•	•			
Temperature Transmitters		•	•	•	•	•	•	•			
Liquid in Glass		•	•	•	•	•	•				
TPW	•										
Resistors									•	•	•
Mercury Fixed Point					•						
Temperature	-5° C to 110° C	-40° C to 150° C	-80° C to 100° C	35° C to 300° C	-45° C to 150° C	-80° C to 110° C	50° C to 300° C	200° C to 550° C	20° C to 30° C	0° C to 50° C	0° C to 50° C



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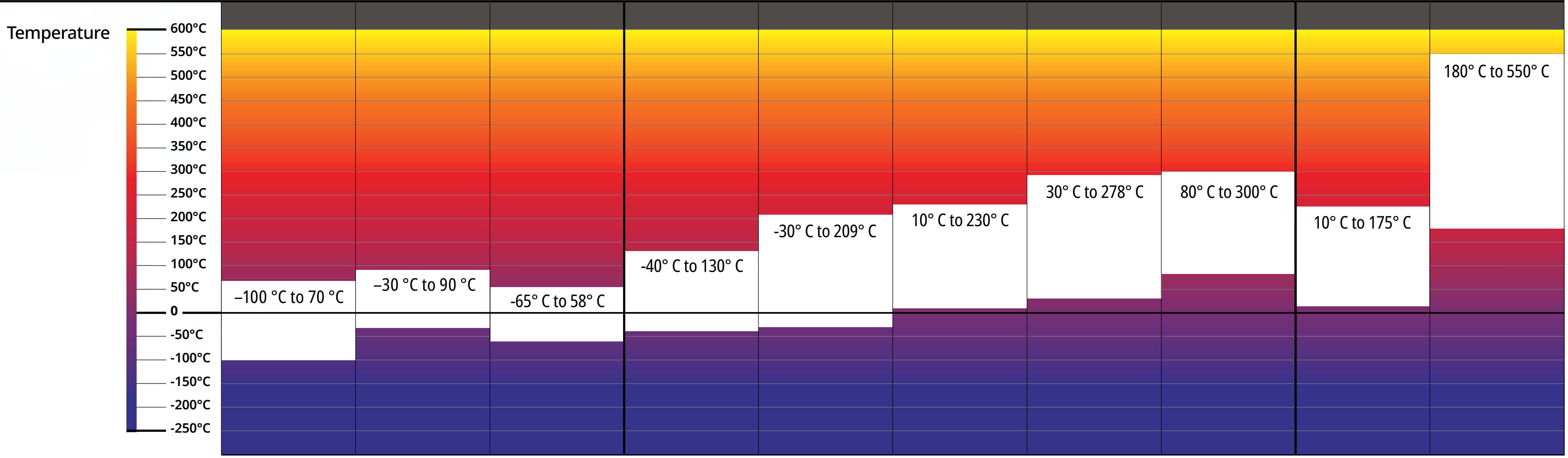
Bath Fluid Selection Guide

Fluids

	5019	5020	5022	5010	5012	5013	5014	5017	5011	5001
Specifications										
Fluid	Halocarbon 0.8 Cold Bath Fluid	Ethylene Glycol (Mix 1:1 with Water	Dynalene HF/LO³	Silicone Oil Type 200.05	Silicone Oil Type 200.10	Silicone Oil Type 200.20	Silicone Oil Type 200.50	Silicone Oil Type 710	Mineral Oil	Bath Salt 125 lb⁴
Usable Range¹	–100 °C to 70 °C	–30 °C to 90 °C	–65 °C to 58 °C	–40 °C to 130 °C	–30 °C to 209 °C	10 °C to 230 °C	30 °C to 278 °C	80 °C to 300 °C	10 °C to 175 °C	180 °C to 550 °C
Flash Point²	N/A	60 °C	N/A	133 °C	211 °C	232 °C	280 °C	302 °C	177 °C	N/A



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[1] Atmospheric pressure affects the usable ranges of some fluids. The temperatures quoted are at sea level.

[2] Flash Point is the temperature at which a vapor (not the fluid) will ignite if exposed to an open flame. When the flam is removed, the vapor will stop burning. (Open cup method.)

[3] Electrical resistivity is greater than 20 MΩ-cm.

[4] 125 pound bath salt fills a 30-liter (7.9 gallon) tank. Salt composition: Potassium Nitrate 53%, Sodium Nitrite 40%, Sodium Nitrate 7%.