



RTC Dry Blocks

Lives International includes the most advanced and accurate temperature calibrators from Ametek in our thermal validation system. Xpertlog software controls the temperature blocks and reference probes during close loop calibrations.

The calibration report is automatically generated after a calibration, contains the Id of the blocks and reference probes.



Name	References	Range	Stability	Ref. probe
RTC-156A Dual zone heating dry block	RTC-156A_Lives_230A_NON_CT RTC-156A_Lives_115B_NON_CT	-30 to 155 °C -22 to 311 °F	± 0.005 °C	- Internal
RTC-156C Dual zone heating dry block *	RTC-156C_Lives_230A_NON_R2_915_HS_CT RTC-156C_Lives_115B_NON_R2_915_HS_CT	-30 to 155 °C -22 to 311 °F	± 0.005 °C	- External (-60°C-160°C, DLC sensor STS200A915) & - Internal
RTC-157A Dual zone heating dry block	RTC-157A_Lives_230A_NON_CT RTC-157A_Lives_115B_NON_CT	-45 to 155 °C -49 to 311°F	± 0.005 °C	- Internal
RTC-157C Dual zone heating dry block *	RTC-157C_Lives_230A_NON_R2_915_HS_CT RTC-157C_Lives_115B_NON_R2_915_HS_CT RTC-157C_Lives_230C_NON_R1_HS_CT	-45 to 155 °C -49 to 311°F	± 0.005 °C	- External (-60°C-160°C, DLC sensor STS200A915) & - Internal
RTC-158A Dual zone heating dry block & mini oil bath	RTC-158A_Lives_230A_MXX_BAT_F_CT RTC-158A_Lives_115B_MXX_BAT_F_CT	-22 to 155 °C -8 to 311°F	± 0.02 °C	- Internal
RTC-158C Dual zone heating dry block *	RTC-158C_Lives_230A_MXX_BAT_R6_916_HS_CT RTC-158C_Lives_115B_MXX_BAT_R6_916_HS_CT	22 to 155 °C -8 to 311°F	± 0.01 °C	- External (-60°C-160°C, DLC sensor STS200A926) & - Internal
RTC-159A Ultra Low Cooler Dry Block	RTC-159A_Lives_230A_NON_F RTC-159A_Lives_115B_NON_F	-100 to 155 °C -148 to 311°F	± 0.03 °C	- Internal
RTC-159C Ultra Low Cooler Dry Block *	RTC-159C_Lives_230A_NON_R14_HS_CT RTC-159C_Lives_115B_NON_R14_HS_CT	-100 to 155 °C -148 to 311°F	± 0.03 °C	- External (-100°C-160°C, DLC sensor STS200A917) & - Internal
RTC-187A-Dry Block	RTC-187A_Lives_230A_NON_CT	-45 to 180 °C -49 to 356°F	± 0.04 °C	- Internal
RTC-187C-Dry block	RTC-187C_Lives_230A_NON_R17_HS_CT	-45 to 180 °C -49 to 356°F	± 0.04 °C	- External (-45°C-180°C, DLC sensor STS200A918EH or STS200B918EH) & - Internal
RTC-250A Dual zone heating dry block & mini oil bath	RTC-250A_Lives_230A_MXX_BAT_F_CT RTC-250A_Lives_115B_MXX_BAT_F_CT	28 to 250 °C 82 to 482°F	± 0.02 °C	- Internal
RTC-250C Dual zone heating dry block *	RTC-250C_Lives_230A_MXX_BAT_R8_925_HS_CT RTC-250C_Lives_115B_MXX_BAT_R8_925_HS_CT	28 to 250 °C 82 to 482°F	± 0.02 °C	- External (-60°C-160°C, DLC sensor STS200A926) & - Internal
RTC-700A - Dual zone heating dry block	RTC-700A_Lives_230A_NON_CT RTC-700A_Lives_115B_NON_CT	33 to 700 °C 91° to 1292°F	± 0.008 °C (125 °C) ± 0.015 °C (425 °C) ± 0.02 °C (700 °C)	- Internal
RTC-700C - Dual zone heating dry block *	RTC-700C_Lives_230A_NON_R4_970_HS_CT RTC-700C_Lives_115B_NON_R4_970_HS_CT	33 to 700 °C 91° to 1292°F	± 0.008 °C (125 °C) ± 0.015 °C (425 °C) ± 0.02 °C (700 °C)	- External(0°C-700°C, DLC sensor STS200A970) & - Internal

* - Delivered with Accredited System Calibration

All RTC dry blocks are delivered with carrying case with trolley. Insert is not included.

All C models (ex RTC-157C) include an internal ref. probe and an external with 90° angled and 4 mm diameter.