



National Association of Testing Authorities, Australia
SCOPE OF ACCREDITATION

ECEFast

FASTLAB CALIBRATION LABORATORY

| Accreditation Number: 5473 | Site Number: 5466 |

Address Details:

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 NOTTING HILL, VIC 3168
 AUSTRALIA

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Availability: Services available to external clients

Note: Not all of the columns of the scope of accreditation displayed include data. The only data displayed is that deemed relevant and necessary for the clear description of the activities and services covered by the scope of accreditation. Grey text appearing in a SoA is additional freetext providing further refinement or information on the data in the preceding line entry.

ISO/IEC 17025 (2005) Calibration					
SERVICE	PRODUCT	DETERMINANT	TECHNIQUE	PROCEDURE	LIMITATION/RANGE
Temperature metrology - Ancillary temperature measuring equipment	Type R extension wire; Type S extension wire;	Volt to temperature conversion			0°C to 50°C
CAPABILITY (3 + 0.002E) µV					
	Type J extension wire; Type K extension wire; Type N extension wire; Type R extension wire;	Volt to temperature conversion			0°C to 50°C
CAPABILITY (3 + 0.002E) µV					
Temperature metrology - Humidity measuring equipment	Hygrometers; Psychrometers; Relative humidity sensors;	Relative humidity (RH)			10%RH to 95%RH from 20°C to 90°C
CAPABILITY 2.0%RH from 20°C to 50°C 2.8%RH above 50°C to 90°C					



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Temperature metrology - Non-contact temperature measuring equipment	Radiation pyrometers; Thermal imaging systems;	Temperature			-30°C to 1200°C
CAPABILITY 1.5°C from -30°C to 300°C 2.5°C above 300°C to 500°C 3.5°C above 500°C to 1200°C					
Temperature metrology - Temperature measuring equipment	Liquid in glass (LIG) thermometers	Temperature			Icepoint only
CAPABILITY 0.01°C at 0°C					
	Base metal thermocouples; Bimetallic systems;	Temperature			-196°C to 1300°C
CAPABILITY 0.5°C + 0.1% T from -196°C to below -40°C 0.2°C + 0.1% T from -40°C to 650°C 0.2°C + 0.2% T above 650°C to 1300°C					
	Surface probes	Temperature			0°C to 650°C
CAPABILITY 2.9°C					
	Digital temperature measuring systems; Temperature loggers - Single and multi-channel;	Temperature			-196°C to 1300°C
CAPABILITY 0.25°C from -196°C to below -40°C 0.005°C at 0°C (using RTD sensors) 0.05°C from -40°C to 300°C 0.25°C above 300°C to 650°C 3°C above 650°C to 1300°C					
	Metallic resistance thermometers	Temperature			-80°C to 650°C
CAPABILITY 0.20°C from -80°C to below -20°C 0.05°C from -20°C to 0°C 0.01°C at 0°C 0.05°C above 0°C to 300°C 0.25°C above 300°C to 650°C					



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Temperature metrology - Temperature standards and reference equipment	Rare metal thermocouples	mV per °C			0°C to 1300°C
CAPABILITY (3 + 0.002E) µV					
	Dry block calibrators	Temperature		Including the methods of - EA 10/13	-90°C to 1200°C
CAPABILITY 0.25°C from -90°C to -30°C 0.5°C above -30°C to 650°C 2.5°C above 650°C to 1200°C					
Temperature metrology - Verification of controlled enclosures	Environmental chambers - Humidity	Humidity	By temperature and humidity measurement		10%RH to 95%RH from 10°C to 90°C
including on site calibrations					
CAPABILITY Including on site calibrations With Calibration and Measurement Capability of- 2.5%RH from 10%RH to 95%RH from 10°C to 90°C					
Temperature metrology - Verification of controlled enclosures	Autoclaves and sterilising ovens; Baths; Environmental chambers - Temperature; Freezers; Furnaces; Incubators; Ovens;	Spatial uniformity; Temperature; Temporal uniformity;	Direct temperature measurement	AS 2853 - 1986	
including on site calibrations					
CAPABILITY Including on site calibrations With Calibration and Measurement Capability of- 0.5°C from -196°C to -40°C 0.25°C above -40°C to 0°C 0.5°C above 0°C to 500°C 2.5°C above 500°C to 1300°C					
Temperature metrology - Verification of controlled enclosures	Medical refrigeration equipment	Spatial uniformity; Temperature; Temporal uniformity;	Direct temperature measurement	AS 3864.2 (excluding clause 3.6.4)	
including on site calibrations					



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CAPABILITY

Including on site calibrations

For the following enclosure types

Blood fridges (upright, single & multi-door, under bench and walk-in rooms) ;

Plasma freezers (ultra-low, upright, chest and walk-in rooms)

With Calibration and Measurement Capability of-

0.5°C from -196°C to -40°C

0.25°C above -40°C to 0°C

0.5°C above 0°C to 20°C

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