






## Coherent ANAB Accreditation and Calibration Date

The header section displays the Coherent address and standards to which Coherent is accredited, including the ISO/IEC 17025:2017 standard. The ANAB logo verifies that the Coherent product, listed on the calibration certificate, is accredited and certified. If the ANAB logo is missing signifies a Coherent product outside the Coherent ANAB scope of accreditation.

The date, stated on the top of the certificate, is the date of calibration.

					
27650 SW 95th Ave. Wilsonville, OR 97070 Phone (800) 343-4912		<b>Certificate of Calibration</b> ISO/IEC 17025:2017 Accredited			
Date: 29 Sep 2023		Certification Number: 230929135322			
Part Number: 0012-1180		Temperature (°C): 22.7			
Description: PM200F-50		Relative Humidity (%): 35.7			
Serial Number: 0008A05		Procedure: QI-19.70 RevGG			

## Instrument Condition As Received

This section identifies the product’s As Received condition as returned to Coherent for calibration. The As Received lists the operating conditions and status under which the unit is tested upon receipt.

A blank As Received identifies the calibration certificate as the initial production calibration certificate or that the unit as received state was unable to provide a valid as received condition. This happens when the element is damaged or broken beyond a reasonable measurement collection.

Instrument Condition As Received							
Wavelength	Responsivity	Responsivity Uncertainty (k=2)	Laser Power	Measured Power	Measured Power Uncertainty* (k=2)	Laser Power Tolerance Limit	Status
514 nm	6.206E-4 VW	±1.0 %	1.004W	1.007W	±1.4 %	990.1mW - 1.018W	In Tolerance



### Calibration Decision Rule

The Calibration Interval Start Date and Due Date are left blank for the customer to identify the recalibration requirements after the product is placed in service.

The decision rule explains the calibration acceptance criteria for the Tolerance specifications.

Coherent reports the Uncertainty at the  $k=2$  confidence level. This is also called an Expanded Uncertainty, defined as two Standard deviations. This equates to 95% confidence interval.

Calibration Interval Start Date: _____	Due Date: _____
The calibration interval begins when the equipment is placed into service. The "Due Date" may be established (by the customer) by adding the calibration interval to the "Start Date". Contact Customer Service for recommended calibration intervals for Coherent products.	
The results listed on this calibration certificate applies to only the item listed above and shall not be reproduced other than in full, without the specific written approval by Coherent. Calibration certificates without signatures are not valid. Coherent hereby certifies that the above item has been calibrated using standards traceable to the International System of Units (SI) via a National Metrology Institute (NIST, PTB, etc.), that are signatories to the CIPM Mutual Recognition Agreement. The reported uncertainties are expressed as expanded uncertainty values at an approximately 95% confidence level using a coverage factor of $k=2$ .	
The acceptance criteria for the specification(s) in this certificate are defined per ILAC-G8:09/2019, sec. 4.2.1 - Binary Statement for Simple Acceptance Rule: <b>In Tolerance</b> - Compliant with specification(s); <b>Out of Tolerance</b> - Not compliant with specification(s).	
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### Contact Coherent

For assistance or additional information, contact Coherent Technical Support as follows:

- Contact your local Coherent Service Representative (or visit [www.Coherent.com](http://www.Coherent.com) to view a list of contacts worldwide)
- Send an e-mail to: [LSMservice@Coherent.com](mailto:LSMservice@Coherent.com)
- Call the Coherent Technical Support Hotline
  - Within the USA: 1-(800)-343-4912
  - Outside of the USA: 1-(408)-764-4042

Additional sensor products information can be found on the Coherent website under Lasers/Laser Measurement Instruments or this address:

<https://www.coherent.com/laser-power-energy-measurement>

Sensor product current software downloads can be found on the Coherent website under Support/Downloads or this address:

<https://www.coherent.com/resources?resourceType=Manual%2BSoftware%2BLMC%20Video%20Library>

To arrange for **warranty service or annual recalibration**, contact your regional Coherent service center to obtain a Return Material Authorization (RMA) number. Use the shipping box and packaging materials you retained to safely transport the sensor back to the factory, and ship to this address:

Coherent, Inc.  
Attn: RMA #  
27650 SW 95th Ave.  
Wilsonville, OR 97070