# CERTIFICATE OF CALIBRATION

ISSUED BY: LAMBDA CALIBRATION LTD

DATE OF ISSUE: 27th August 2025 CERTIFICATE No: 937672

UKAS CALIBRATION 0495

Lambda CALIBRATION LTD

11-13 Chorley Central
Business Park
Stump Lane
Chorley
PR6 0BL
Tel: 01257 244 670



APPROVED SIGNATORY

C Reed E Santos R Armitage
K Quigley D Pilkington

| | |
|---|---|
| Customer: | DJB Labcare Ltd, Newport Pagnell, MK16 9QS |
| Item No: | 539276 |
| Description: | Frequency Counter |
| Model/Range: | PFM3000 |
| Manufacturer: | Aim TTi |
| Date of Cal: | 27/08/2025 |
| Basis: | E-900 |
| Equipment Used: | GPS Frequency Reference (LGPS), Function Generator (LFG-02, LSG-03) |
| Temp/Humidity: | 20°C ± 2°C, <80%rh |

Initial Inspection on Receipt: (For information only – not part of our UKAS accredited schedule).

| | |
|---|---|
| Unit Under Test (UUT) Condition | Functional. |
| Condition of Supplied Leads | None Supplied. |
| Battery | Replaced. |

Summary of Results:

| | |
|---|---|
| Pre Calibration Status | The reported results fall within the specified tolerances |
| Post Calibration Status | The reported results fall within the specified tolerances |
| Adjustments | No |
| Repairs | No |
| Test Leads Used | Laboratory test leads were used in the calibration. |
| Comments | - |

Measured results and measurement uncertainties are detailed on the following pages.

The reported expanded uncertainty is based on a standard uncertainty multiplied by a coverage factor $k$=2, providing a coverage probability of approximately 95%. The uncertainty evaluation has been carried out in accordance with UKAS requirements. Unless otherwise stated: [1] The 'Compliance Statement' is based on 'simple acceptance' (result vs tolerance) with the relevant calibration uncertainty being no greater than the tolerance. [2] Reported activities were carried out at the address detailed in the header. [3] The results relate only to the items calibrated.

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ISSUED BY: LAMBDA CALIBRATION LTD

UKAS ACCREDITED CALIBRATION LABORATORY No: 0495

CERTIFICATE No: 937672



Frequency Accuracy (Input A)

| UUT Range | UUT Gate | Applied Frequency (Hz) | UUT Indication (Hz) |
|---|---|---|---|
| Freq A | 10s | 10.0000000 | 10.0000081 |
| Freq A | 10s | 100.000000 | 100.000086 |
| Freq A | 10s | 1000.0000 | 1000.00090 |
| Freq A | 10s | 1.000000M | 1000.00092k |
| Freq A | 0.3s | 10.000000M | 10.00001M |
| Freq A | 1s | 10.000000M | 10.000009M |
| Freq A | 10s | 10.000000M | 10.0000093M |
| Freq A | 10s | 100.00000M | 100.000094M |

Frequency Accuracy (Input B)

| UUT Range | UUT Gate | Applied Frequency (MHz) | UUT Indication (MHz) |
|---|---|---|---|
| Freq B | 10s | 80.000000 | 80.000078 |
| Freq B | 10s | 500.000000 | 500.00050 |
| Freq B | 0.3s | 1000.00000 | 1000.001 |
| Freq B | 1s | 1000.00000 | 1000.0010 |
| Freq B | 10s | 1000.00000 | 1000.00105 |
| Freq B | 10s | 2000.00000 | 2000.0022 |
| Freq B | 10s | 2700.00000 | 2700.0029 |

Period Accuracy (Input A)

| UUT Range | UUT Gate | Applied Time Period (s) | UUT Indication (s) |
|---|---|---|---|
| Period A | 0.3s | 100.00000n | 99.9999n |
| Period A | 1s | 100.000000n | 99.99989n |
| Period A | 10s | 100.0000000n | 99.999890n |

Manufacturers Tolerance applicable to above results: ±(1 digit + Timebase Accuracy (7ppm))

End of Results

Estimated Uncertainty of Measurement:

Frequency: ±(0.29ppm + 1.5µHz + 2 digits)