

Sales Order No: 60725
 Purchase Order No: 21-1509-3887E
 Camera Serial No: 1205080003

Certificate of Performance

This document certifies that at the time of manufacture, this **PIXIS: 1024B (1024x1024)** camera system was assembled and tested in accordance with applicable Princeton Instruments/Acton procedures. A copy of this certification is on file.

| | | | |
|-----------------------------------|----------|---|---------------|
| Read Noise (e- rms) | | Single Pixel Full Well (ke-) | |
| | | Measured | |
| Speed | Measured | 138 | |
| 100 kHz | 4.57 | | |
| 2 MHz | 13.60 | | |
| | | Output-Node (Binned) Full Well (ke-) | |
| | | Measured | |
| | | 276 | |
| Dark Charge (e-/pixel/sec) | | | |
| | | Measured | |
| | | 0.0006 @ -70°C | |
| Gain and Non-Linearity | | | |
| | | Gain (e-/ADU) | Non-Linearity |
| 100 kHz | | Low (1): 3.91 | |
| | | Med (2): 1.93 | <2% |
| | | Hi (3): 0.97 | |
| 2 MHz | | Low (1): 4.22 | |
| | | Med (2): 2.12 | <2% |
| | | Hi (3): 1.13 | |

The camera system was tested by Princeton Instruments technician: Quincy Sanramat

Quincy Sanramat
 Test technician/date

Quincy Sanramat
 Approved by/Date 5/12/08

PIMFG 2000 REV:A



Dear Valued Customer,

Thank you for purchasing a Princeton Instruments/Acton solution.

As the leading provider of camera, spectrograph and optics based solutions for the imaging, x-ray, spectroscopy and security markets, we are committed to continuous innovation and ensuring you are at the forefront of technology.

Our goal is to ensure your relationship with us exceeds your expectations and plays a positive role in achieving your objectives.

The enclosed Certificate of Performance is your guarantee that your system has been individually tested and matched to your requirements.

If you have any questions, comments or would like further assistance please do not hesitate to contact our Customer Support Team at any time. Your satisfaction is our business.

Sincerely,

A blue ink signature of Bill Keating.

Bill Keating
VP, Marketing & Sales

A blue ink signature of Don Templeman.

Don Templeman
President

Customer Support:

email: techsupport@piacton.com
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