

## Analyseurs de Faisceau 4M Edmund Optics



Edmund Optics Beam Profiler 4M, #11-045

Stock #11-045 3-4 JOURS

- 1 + **€5.195,00**

AJOUTER AU PANIER

Qté 1+

€5.195,00

Prix sur Quantité

[Demande de Devis](#)

ⓘ Les prix sont indiqués hors TVA et droits applicables.

Espace téléchargement

**Diamètre du Faisceau, 1/e<sup>2</sup> (mm):**  
55um - 11mm

**Taux d'Image (fps):**  
6.20 (at full frame)

**Filtres Inclus:**  
Neutral Density, OD 4.0 (x1)

**Monture:**  
1" x32 TPI (C-Mount)

**Température d'Utilisation (°C):**

|                                                                                                                                                                                                                                                                                                                                          |
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| 18 to 28                                                                                                                                                                                                                                                                                                                                 |
| <b>Taille de Pixel, H x V (µm):</b><br>5.5 x 5.5                                                                                                                                                                                                                                                                                         |
| <b>Pixels (H x V):</b><br>2048 x 2048 (4.2 MegaPixel)                                                                                                                                                                                                                                                                                    |
| <b>Aire Active, H x V (mm):</b><br>11.3 x 11.3                                                                                                                                                                                                                                                                                           |
| <b>Dimensions (mm):</b><br>61 x 81.1 x 19.7                                                                                                                                                                                                                                                                                              |
| <b>Poids (g):</b><br>138 g                                                                                                                                                                                                                                                                                                               |
| <b>Rapport Signal/Bruit S/N (dB):</b><br>1000:1 (60 dB)                                                                                                                                                                                                                                                                                  |
| <b>Gain (dB):</b><br>User Adjustable                                                                                                                                                                                                                                                                                                     |
| <b>Gamma:</b><br>N/A                                                                                                                                                                                                                                                                                                                     |
| <b>Type de Capteur:</b><br>1"                                                                                                                                                                                                                                                                                                            |
| <b>Interface:</b><br>Displays: 2D, 3D, XY and Beam Tracking<br>Dia. Definitions: D4σ, 1/e2 (13.5%), FWHM (50%),<br>86% of the aperture, Buffer Controls: Open File, Save<br>Current Data, Save All Data, Previous/Next Image,<br>Clear, Animate, Report: 2D, 3D, XY, Measures and<br>Parameters.<br>Print screen tool in BMP (2D and 3D) |
| <b>Système d'Utilisation:</b><br>Windows                                                                                                                                                                                                                                                                                                 |
| <b>Pic de Bruit (nW/cm²):</b><br>Contact us                                                                                                                                                                                                                                                                                              |
| <b>Spécifications du Rayon d'Entré:</b><br>Minimum 55µm (10 x 10 pixels)                                                                                                                                                                                                                                                                 |
| <b>Gamme de Longueur d'Onde (nm):</b><br>350 - 1150                                                                                                                                                                                                                                                                                      |
| <b>Gamme Spectrale:</b><br>350 to 1150 nm                                                                                                                                                                                                                                                                                                |
| <b>Précision Dimensionnelle:</b><br>Contact us                                                                                                                                                                                                                                                                                           |
| <b>Saturation CW:</b><br>10 W/cm2 (at 1064 nm with ND4 filter)                                                                                                                                                                                                                                                                           |
| <b>Saturation Pulsée:</b><br>0.03 mJ/cm2 without ND filters. 0.1 J/cm2 with filter                                                                                                                                                                                                                                                       |
| <b>Déclencheur:</b><br>1.1 to 24 V, rising edge                                                                                                                                                                                                                                                                                          |
| <b>Pic d'Intensité:</b><br>Auto adjusted to 85% of camera saturation level                                                                                                                                                                                                                                                               |
| <b>Damage Threshold, By Design:</b> <input type="checkbox"/><br>0.1 J/cm2 @ 1064 with ND4 filter                                                                                                                                                                                                                                         |
| <b>Maximum Power (W):</b><br>1 W with ND filter                                                                                                                                                                                                                                                                                          |
| <b>Stimulation Minimum, à Impulsions:</b><br>External trigger recommended for repetition rates<br>below 250 Hz                                                                                                                                                                                                                           |
| <b>Frame Rate:</b><br>6.2 Hz 4.2 MPixel (Full frame), 32 Hz 0.066 Mpixel (256<br>x 256)                                                                                                                                                                                                                                                  |
| <b>Contrôle d'Exposition:</b><br>0.06 to 200 ms                                                                                                                                                                                                                                                                                          |
| <b>Logiciel:</b><br>USB Included                                                                                                                                                                                                                                                                                                         |
| <b>Beam Diameter (µm):</b><br>55um - 11mm                                                                                                                                                                                                                                                                                                |

## Conformité réglementaire

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|-----------------------------------------------------------------|
| <b>RoHS:</b><br><a href="#">Conforme</a>                        |
| <b>Certificate of Conformance:</b><br><a href="#">Visionner</a> |