

## External Motorized Variable Attenuator

### KEY FEATURES

- VARY THE PULSE ENERGY OF A LASER WITHOUT AFFECTING OTHER BEAM PARAMETERS
- CAN BE MOUNTED SEPARATELY FROM THE LASER
- MANUAL AND COMPUTER CONTROL

THE MVAT CAN BE USED WITH A QUANTEL LASER (WITH SEPARATELY AVAILABLE ADAPTER PLATES)

- ULTRA     ■ CENTURION
- CFR       ■ EVERGREEN

### SPECIFICATIONS

| PARAMETERS                   | UNIT               |  |      |     |
|------------------------------|--------------------|--|------|-----|
| <b>LASER CHARACTERISTICS</b> |                    |  |      |     |
| Wavelength                   | nm                 | 1570                                     | 1064 | 532 |
| Maximum Energy               | mJ                 | 200                                      |      |     |
| Extinction Ratio             |                    | 100:1                                    |      |     |
| Maximum Irradiance           | MW/cm <sup>2</sup> | 500                                      |      |     |
| Maximum Beam Diameter        | mm                 | < 7                                      |      |     |
| <b>FACILITY REQUIREMENTS</b> |                    |  |      |     |
| Power Requirement            |                    | 100 - 240 VAC, 50/60 Hz, 0.6 A (nominal) |      |     |
| Operating Temperature Range  | °C                 | 15 - 35                                  |      |     |
| Storage Temperature Range    | °C                 | 5 - 60                                   |      |     |
| Dimensions                   | mm [inch]          | 90.2 [3.55] x 60.7 [2.39] x 87 [3.43]    |      |     |
| Weight                       | kg [lbs]           | 0.470 [1]                                |      |     |
| Operation and Control        |                    | Manual or RS232                          |      |     |



[www.quantel-laser.com](http://www.quantel-laser.com)

