

AD-500



Single or multiple head high intensity flash system



The Specialised Imaging AD500 Flash system offers the flexibility of up to four controllable high intensity flash heads for use in scientific and industrial environments.

500J Flash head with 2ms duration

Up to four independent flash heads

40s recycle time

Trigger options - short or positive edge

CONTROL UNIT

| | |
|------------------|---|
| Signal Input | Four independent Channels |
| Trigger Mode | 1. Independent - All channels trigger separately 2. Simultaneous - Any channel triggers all channels |
| Trigger Source | Short Circuit 5-100V positive edge |
| Input Impedance | 50Ω |
| Mains Input | IEC socket |
| Electrical input | Mains 100-240V AC 50-60Hz |
| Dimensions mm | (LxWxH) 220mm x 110mm x 128mm |
| Weight | 3.7kg |
| EMC | Meets all UKCA/EU harmonised standards |

FLASH HEAD

| | |
|----------------------|--|
| Light Duration (Typ) | 2ms measured to 50% of peak output |
| Stored Charge (max) | 500J |
| Charge Voltage | 340V |
| Light Source | U-Shape Xenon flashtube |
| Rise Time | 50µs |
| Delay (typ) | 30µs |
| Recycling Time (typ) | 40 seconds |
| Dimensions | (LxDia) 270mm x 170mm |
| Weight (Kg) | 5.25kg |
| Lamp cable length | 2.5m |
| EMC | Meets all UKCA/EU harmonised standards |

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MSFH-370



High intensity flash
with dedicated fibre
optic output



The Specialised Imaging MSFH370 Flash system offers the flexibility of up to four controllable high intensity flash heads for use in scientific and industrial environments.

- 5mm diameter FO output
- 370J Flash head with 750µs duration
- Up to four independent flash heads
- 40s recycle time
- Trigger options - short or positive edge

CONTROL UNIT

| | |
|------------------|---|
| Signal Input | Four independent Channels |
| Trigger Mode | 1. Independent - All channels trigger separately 2. Simultaneous - Any channel triggers all channels |
| Trigger Source | Short Circuit 5-100V positive edge |
| Input Impedance | 50Ω |
| Mains Input | IEC socket |
| Electrical input | Mains 100-240V AC 50-60Hz |
| Dimensions mm | (LxWxH) 220 x 120 x 90 mm |
| Weight | 4.5 kg |
| EMC | Meets all UKCA/EU harmonised standards |

FLASH HEAD

| | |
|----------------------|--|
| Light Duration (Typ) | 750µs measured to 50% of peak output |
| Stored Charge (max) | 370J |
| Charge Voltage | 340V |
| Light Source | Linear spark source flashtube |
| Rise Time | 50µs |
| Delay (typ) | 30µs |
| Recycling Time (typ) | 40 seconds |
| Dimensions | (LxDia) 270 x 170 mm |
| Weight (Kg) | 6 kg (Including handle, legs, FO mounting) |
| Lamp cable length | 2.5m |
| EMC | Meets all UKCA/EU harmonised standards |

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