AD-500

SPECIALISED IMAGING

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 pulse

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 pulse
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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As part of our on-going commitment to improvement we reserve the right to alter specifications, designs or figures, without prior notice. All dimensions and weights are approximate.

MSFH-370

SPECIALISED IMAGING

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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