# **AD-500**



### Single or multiple head high intensity flash system



The Specialised Imaging AD-500 Flash system offers the flexibility of up to four controllable high intensity flash heads for use in scientific and industrial environments.

Four independent Channels

Short Circuit 5-100V positive edge

IEC socket

3.7kg

Dimensions mm (LxWxH) 220mm x 110mm x 128mm

Independent - All channels trigger separately
 Simultaneous - Any channel triggers all channels

500J Flash head with 2ms duration Up to four independent flash heads 40s recycle time Trigger options - short or positive edge

#### 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

#### UK (Head Office / Factory)

**CONTROL UNIT** 

Signal Input

Trigger Mode

Trigger Source

Mains Input

Weight

EMC

Electrical input

Input Impedance 50Ω

6 Harvington Park, Pitstone Green Business Park Pitstone. LU7 9GX England Tel +44 (0) 1442 827728 USA

Mains 100-240V AC 50-60Hz

Meets all UKCA/EU harmonised standards

Specialised Imaging Inc. 40935 County Center Dr. Suite D Temecula, CA 92591, USA

Tel +1 951-296-6406

#### GERMANY

Bahnhofstr. 26 D 82256 Fürstenfeldbruck Germany

Tel +49 8141 6668 922

ISO 9001 Quality Management Systems CERTIFIED FM 87429

#### specialised-imaging.com

info@specialised-imaging.com

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.

SIL-9020-01-Q03

## 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.

#### **CONTROL UNIT**

Signal Input	Four independent Channels	
Trigger Mode	<ol> <li>Independent - All channels trigger separately</li> <li>Simultaneous - Any channel triggers all channels</li> </ol>	
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	

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

OSI-CU-500

#### 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

UK (Head Office / Factory)

6 Harvington Park, Pitstone Green Business Park Pitstone. LU7 9GX England **Tel +44 (0) 1442 827728**  USA

Specialised Imaging Inc. 40935 County Center Dr. Suite D Temecula, CA 92591, USA

Tel +1 951-296-6406

Bahnhofstr. 26 D 82256 Fürstenfeldbruck Germany

GERMANY

Tel +49 8141 6668 922



G

#### specialised-imaging.com

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.

info@specialised-imaging.com