

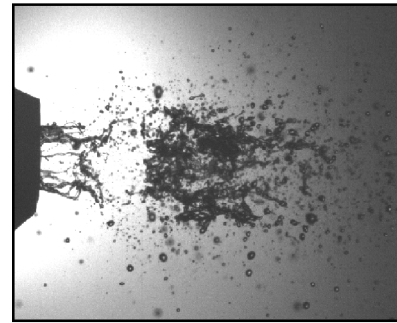
SensiFLASH 200

High Intensity Illumination Flash System

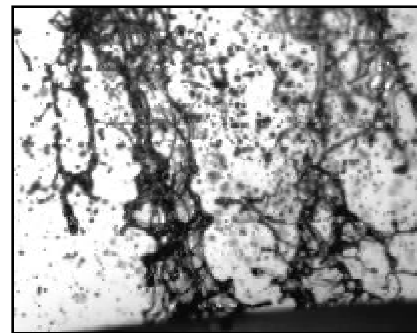
The SensiFLASH 200 is used for imaging of high speed phenomena where a high intensity illumination flash system is required. Producing between 40-200 joules of flash energy and a duration of 5-200 μ s, makes the SensiFLASH ideal for use with gated CCD cameras.

SPECIFICATIONS

<i>Power:</i>	• 40 - 200 joules
<i>Duration:</i>	• 5 - 200 μ s
<i>Jitter:</i>	• 2 μ s
<i>Rise Time:</i>	• 5 μ s
<i>Lamp:</i>	• xenon - 5 mm point source
<i>Light Delivery:</i>	• fiber optic or reflector output
<i>Charge Time:</i>	• 30 seconds
<i>Photocell Detection</i>	
<i>Trigger:</i>	• TTL 5 V Positive pulse output (triggering the SensiCam CCD Camera)
<i>Trigger:</i>	• TTL to 10 volts - square wave
<i>Power Supply:</i>	• universal (85 -260 VAC, 3 amps)
<i>Spectral Peak:</i>	• 550 nm
<i>Dimensions:</i>	• 234 mm X 264 mm X 350 mm
<i>Weight:</i>	• 12 kg - 16 kg
<i>Applications:</i>	• spray, droplet and small ballistics



Spray and Particle: 5 microseconds, field-of-view 10 mm x 7.5 mm



Oil Spray: 800 ns exposure, 4 μ s delay, 9 mm field-of-view and 35 μ s duration xenon flash

ORDERING INFORMATION

SensiFLASH 200 comes complete with SensiFLASH unit, lamp, coaxial cable and 110 VAC line cord.

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