

## Underwater flashgun

oe11-242



- Automatic/Manual operation
- Flash output controlled by OE14-208
- Zoom function controlled by OE14-208

The OE11-242 Underwater Flashgun has been designed specifically for use with the Kongsberg Maritime OE14-208 Digital Stills Camera.

When under control of the OE14-208 the variable power feature can be used allowing the exposure to be increased or decreased by a 1/3 of a stop up to a maximum of +2 stops and a minimum of -2 stops.

In Auto Mode the OE11-242 will fire if ambient illumination is not sufficient. The flash can be turned off if the use of external lighting together with the flash would result in an unnatural exposure.

Fill Flash can be activated to fire even when external lighting is sufficient.

Slow Synchronisation can be activated thereby allowing greater background detail to be captured.

The flashgun head zooms in sympathy with the OE14-208 lens permitting a wider camera to subject range.

The OE11-242 can be used in manual mode with any other camera when the flash will fire at full power unless the camera has a compatible TTL output.

### Standard Features

#### Electrical

Guide Number	21m in Seawater @ 24mm camera setting (35mm equivalent)
Light Output	80 W/s maximum
Flash Recycle Time	17 seconds maximum from fully discharged
Power	9-24V dc, 1.5A @ 9V, 0.6A @ 24V
Beam Angle	55°
Electro-Magnetic Compatibility	EN50081-1 Emission / EN50082-1 Immunity

#### Environmental

Water Depth	1,000 metres
	3,000 metres
	6,000 metres
Temperature	Operating -5°C to +40°C in Water
	Storage -20°C to +60°C
Vibration	10g, 20-150Hz, 3-axes (non-operating)
Shock	30g peak, 25mS half-sine pulse

#### Mechanical

##### 1000 Metre

Diameter	101mm
Length	208mm (excl. connector)
Weight	2.05Kg in Air, 0.38Kg in Water

##### 3000 Metre

Diameter	101mm (Main), 195mm (Flair)
Length	231mm (excl. connector)
Weight	3.9Kg in Air, 2.0Kg in Water

##### 6,000 Metre

Diameter	110mm (Main), 202mm (Flair)
Length	248mm (excl. connector)
Weight	8.9Kg in Air, 5.2Kg in Water

Standard Housing (1000M)	Aluminium alloy HE30T6
Optional Housing (3000M)	Titanium alloy 6AL/4V ASTM 834G
Optional Housing (6000M)	Titanium alloy 6AL/4V ASTM 834G
External Finish	Hard Anodised, Black Dyed
Connector	8 pin Burton 5506-1608

