

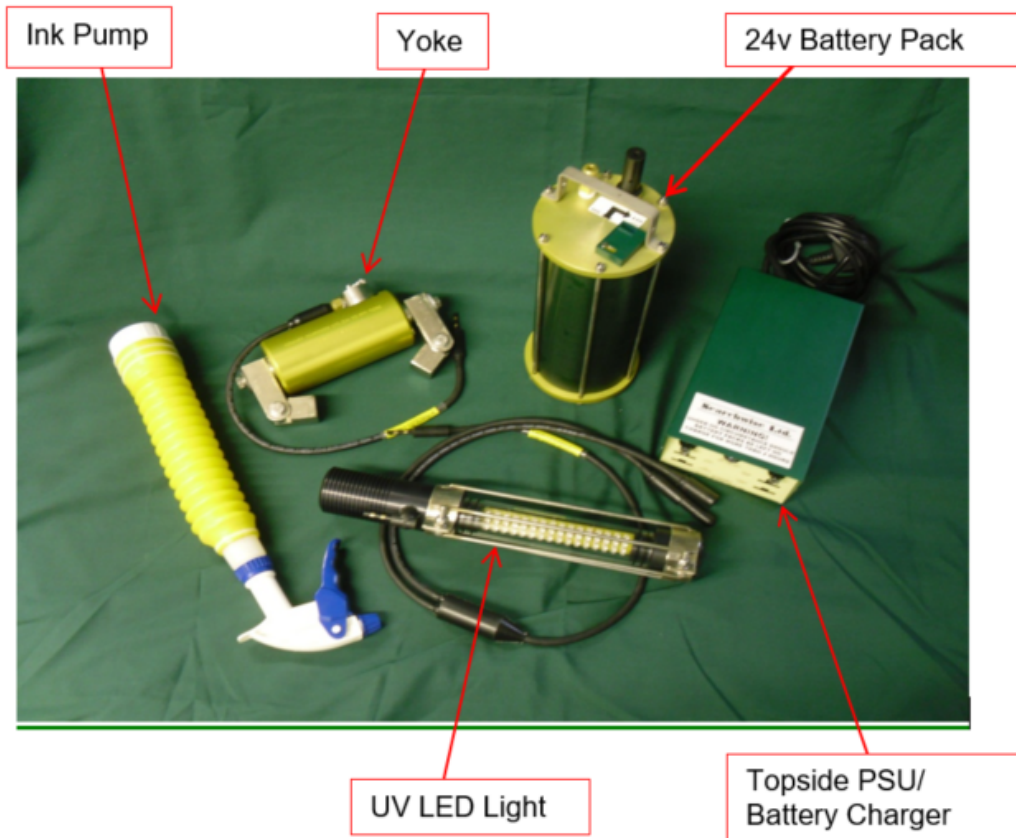


SEARCHWISE

Underwater Equipment Specialists

MPI Unit - Sales

HCM 25





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Underwater Equipment Specialists

Specifications

HCM25 Yoke:-

Lifting Pull:	25 kg min. at 24V DC
Pole Spacing:	230mm Max, 85mm Min.
Leg Articulation Axial:	90°
Leg Articulation Radial:	360°
Weights:	-3.2 kg - in air -2.4 kg - in water
Depth Rating	Infinite-limited by connector rating
Hull Construction	Oil-filled, Pressure-Compensated
Power Requirement:	24VDC, 400mA (-10W)
Duty Cycle:	100% in water or air
Connector:	2-way single pin male b/head EO style

HCM25 Lamp:-

Peak Emission Wavelength:	-360nm
Output Power:	800 æW/cm sq @ -100mm
Weights:	-0.65 kg - in air -0.25 kg - in water
Depth Rating:	600m
Power Requirement:	24VDC, 550mA (-13W)
Duty Cycle:	100% in water or air
Connector: (Standard)	One-pin 2-way r/angle b/head EO style

Topside PSU/Battery Charger:-

Recharging time:	-4« hrs. from full discharge
Charger Output:	29.3V, 800mA Max
Auxiliary Output:	24.3V 1100mA Max
Input:	120/240V AC

Battery Pack:-

Capacity/type:	24V 2.3Ah sealed Lead-acid with low battery detect/cut off
Weights:	-3 kg - air -1.3 kg - water
Dimensions:	116 mm Dia, 240 mm high
Durations:	4 hrs. Yoke only (continuous) 3,5 hrs. Lamp only (continuous) 1Hr 40mins lamp+yoke (continuous)
Depth Rating	600m



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MPI Interface:-

Voltages: 5.5-7V AC in, 24VDC out

Weights: 1 Kg - air

0.8 kg - water

Dimensions: 116 mm dia, 70mm high.

Depth Rating: 600m

Ink Pump:-

Capacity: Approx. 500ml

Reservoir Spec: Collapsible, operating at ambient pressure.

Non- return valves to prevent seawater ingress.