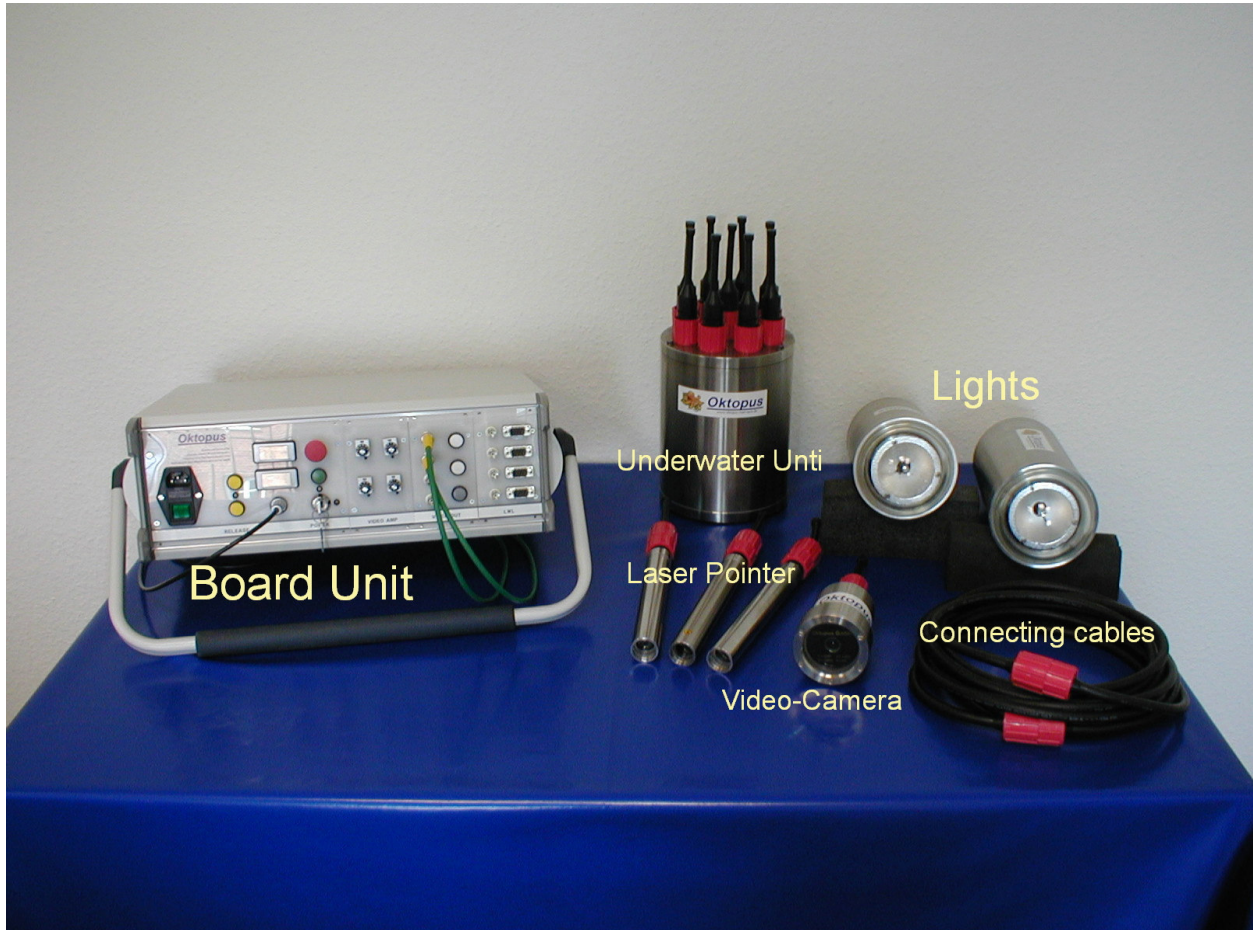


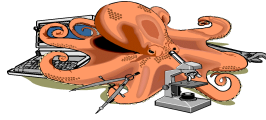
## TELEMETRY – SYSTEM



### a. The Shipboard Control Unit:

The 19" shipboard unit supplies 300 W of energy for the underwater components and receives an analog black-and-white video signal (CCIR video norm). In addition, a release function is available to trigger the electromechanical quick-release.

The telemetry is running on a 50 to 75 ohm coaxial cable up to 10.000 m long. Four separate video outputs offer the possibility of connecting up to four monitors and/or video recorders. The outputs are equipped with signal magnifying drivers to permit use with at least 50m long 75 Ohm coaxial cable.



**OKTOPUS GmbH**  
*Kieler Str. 51, D-24594 Hohenwestedt, Germany*  
Tel. (+49) 04871-490316 Fax 04871-490315; [www.oktopus-mari-tech.de](http://www.oktopus-mari-tech.de)

---

b. The underwater unit:

The underwater unit consists of a stainless steel or (on request) titanium pressure housing and provides 24 V DC power (14 V to 30 V) protected, for the lights, laser pointer, video camera and e.g. a releaser, current 115 mA.

For connecting the underwater unit to the tow cable, a built in SubConn 2 pole standard connector is used. Subconn 4 pole connectors provide contact to the various system components. Power provisions can be made for additional instruments in so far as the transmitted power and space on the housing permit.

The total underwater unit is designed to be towed from an up to 10,000m long coaxial cable at 6000m maximum water depths.

A version to be used at a fibre optic cable is also available. Please ask for a separate quotation.