

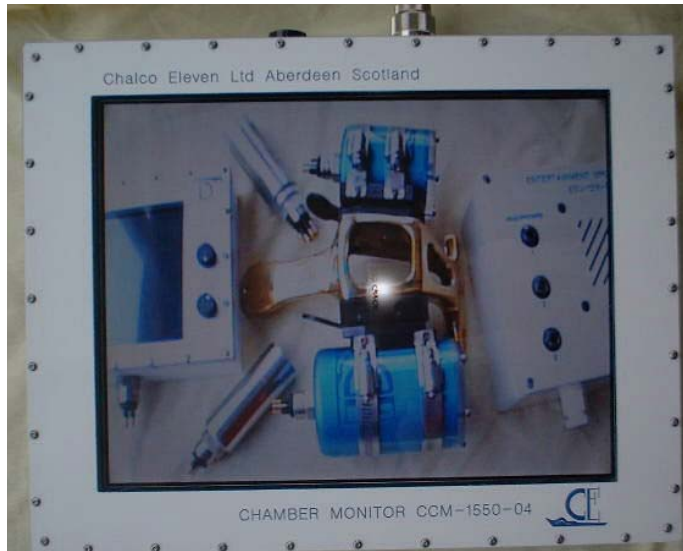
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Pressure Equalisation
Filter

Power/Signal Input

CHAMBER MONITOR CCM-1550-04

The 15" Monitor is designed to serve a multitude of Purposes. The CCM-1550-04 is a high resolution Colour Monitor for in-chamber and topside use in air or mixed gas environments ie helium, oxygen and helium mixture environments.

The Monitor is rated to an operating depth of 1000ft, however, the Monitor Housing is not pressurised. It has a 50 micron filter that equalises the pressure to the outside. It has an outer housing made from polyethylene and a clear distortion free acrylic lens. The Monitor can be fixed or hand-held by the Diver or a Nurse in the Chamber, displaying high-resolution real-time video images, and motion or still. The Monitor can take a signal directly from any output 1V p-p @ 75Ω composite video signal and SVGA operating voltage between 12V DC, it could be plugged in line with the Underwater Camera CC550UC or any Chalco Eleven Underwater Topside Monitoring Equipment.

Although the Monitor is compact and slim-lined (390mm x 305mm x 60mm excluding connectors), it has an active area of 304.1H x 228.1Vmm. It utilises TFT technology to deliver exceptional picture quality, has a high resolution screen 1024 x 768 @ 60Hz. It has a very wide viewing angle typically 70/70/60/60° (L/R/U/D:min).

The Monitor is easy to install/operate as it comes fully set up and ready to use. The internal electronic circuitry takes care of all the settings and produces sharp, clear video images time after time from an Underwater Camera or a Topside VCR/Controllers.

Specifications

Display:	15" TFT LCD	Video input /SVGA:	Supplied Composite In
Voltage input:	12V DC 3A	Viewing angle:	Typically 70/60°
Active Area:	304.1H x 228.1Vmm	Backlight:	Incandescent
Input Signal:	Comp Video @ 75Ω	Power:	25W
Dimensions:	390Wmm x 305Hmm x 60Dmm		