



THERMOSTATIC WATER BATH FOR COMBAT HELMETS TESTING

MODEL; BTE-1080e

GENERAL:

All equipment carried by a country's armed forces is subjected to the most stringent environmental testing to ensure maximum safety and protection for the soldier. One of these elements are **combat helmets**, which must preserve their impact resistance after undergoing a temperature-controlled immersion test in salt water, simulating sea conditions and extreme temperature and ageing conditions.

In order to verify the immersion resistance of the combat helmets, **DYCOMETAL** has developed the special thermostatic bath **BTE-1080e** which allows a complete immersion up to 1 metre deep in salt water at a given temperature. The immersion/elevation system is fully automated so that the process is controlled at all times. Its construction has been developed in stainless steel to withstand the conditions of such a demanding test.



DYCOMETAL EQUIPOS DE C.C., S.L.

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TECHNICAL FEATURES:

- Useful capacity: 1.080 liters.
- External dimensions: 2.184 x 2500 x 800 mm (H x W x D).
- Internal dimensions: 1.200 x 600 x 1.100 mm (H x W x D).
- Temperature range: from +15°C to +30°C .
- Temperature range: from room +10°C to +80°C.
- Interior finished: stainless steel.
- External finished: stainless steel.
- Sample basket with automated system for controlled immersion/lifting of samples.
- Control and data logger based in Eurotherm controller.
- Ethernet communication port.
- USB for extraction the test files.
- Remote control software.
- Air cooled system.
- Wheels with brakes.



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