

DWATER-M



DWater-M is the device designed for the control of a 3-water/beverage **chiller-carbonator**, featuring volumetric dosing and the capability for simultaneous dispensing.

The main board, which is notably lightweight and compact, is engineered to connect to a **5" or 7" touch display**. Thanks to its particularly functional and intuitive graphical interface (GUI), this ensures effective user-machine interaction.

Furthermore, the device is provisioned for connection to a payment system utilizing the MDB protocol and an IOT (Internet of Things) connectivity module (Wi-Fi / LTE).

HIGHLIGHTS



Bluetooth



Loading Cycle with one Level Probe



Volumetric Dispensing Management



Advanced Scheduling and Calendar



WEB Platform

TECHNICAL FEATURES

INPUTS

Power Supply 230Vac $\pm 10\%$ 50/60Hz

2 pressure switch

1 volumetric counter

1 leak detection probe

1 sonda livello vaschetta

1 sonda NTC temperatura

1 carbonator level probe

3 Capacitive sensors

1 Glass presence sensor

1 PCB programming port

OUTPUTS

3 Solenoid valves, 24 Vdc (cold, ambient, and sparkling water)

1 Loading solenoid valve, 24 Vdc

1 Auxiliary solenoid valve, 24 Vdc

3 Peristaltic pumps, 230 V

1 UV LED lamp, ACUVA type, 24 Vdc

1 Carbonation pump, 230 V

1 Compressor control, 230 V

1 Door lock solenoid pump, 24 Vdc

RS485 Communication

Serial board for MDB protocol payment system

Provision for IoT module connection – WIFI/LTE

Output for machine diagnostics via EVA DTS protocol

TECHNICAL DRAWINGS

