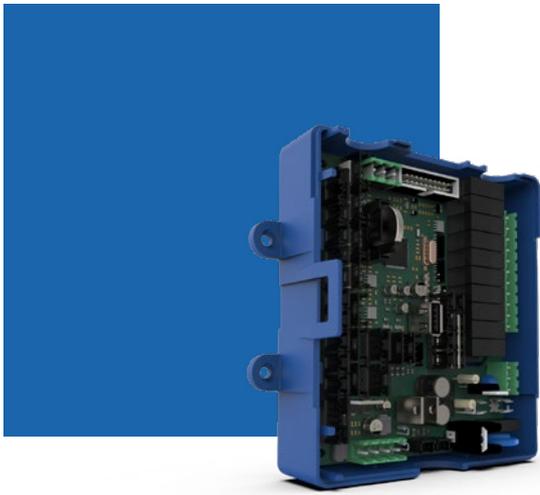# DCOFFEE-M

DCoffee-M is the kit designed for **2- or 3-group multiboiler coffee machines,** consisting of a power unit
and a 4.3'' display with either capacitive or mechanical keypad. The control unit monitors boiler temperature and pressure, water presence, and loads inside the coffee machine. Compact in size, it is easy to install and can also be managed remotely thanks to the **IoT solutions** developed by DTI.

HIGHLIGHTS

TDS analysis for H_2O quality

Loading cycle with two level probes

Advanced programming and scheduling

Steam-water dispensing management

Volumetric dispensing management

WEB platform

Coffee dispensing management by profiles

Temperature control with PID algorithm

TECHNICAL FEATURES

OUTPUTS

Power supply 24 Vdc or 12 Vdc

1 Triac output Pump 16 A

1 Triac output Cup warmer 250 W

12 relay outputs 5 A

3 SSR outputs

Expansion connection – power board 6 Triac

Connection for 3 mechanical keyboards with 6 keys and 6 LEDs

INPUTS

3 inputs for volumetric sensor control

7 analog inputs NTC temperature reader

3 inputs for pressure reading from transducer

2 inputs for level measurement

2 RS485 communication ports

USB Otg

Audible buzzer

Courtesy LED output 12 V

RTC with Vbat

Customizable interface

TECHNICAL DRAWINGS

DTI XL

DISPLAY