

Advantages:

- Direct wireless access to all new MESA equipment
- 99 programs with 24 segments and 16 control track
- Custom alarms
- Diagram display
- Isolated RS485 / 422 Modbus, Profibus-DP, Ethernet interface
- Data transfer and firmware update via USB interface
- Up to 2 independent control loops

Technical Data

Design:

ABS DIN ¼ housing for panel mounting

Degree of Protection:

IP54 according to IEC 60529

Dimensions:

96 x 96 x 111 mm (W x H x D)

Control Loops:

2 control loops (Kn control, furnace temperature)
3 PID-parameter settings per control loop
PID or On/Off control

Control Output Types:

Heating/cooling, gas/CO or (CO₂, Endogas), valve control or analog output
Custom designed digital outputs for process control

Communication Interface:

Ethernet, non-isolated RS485/422

Power Supply:

AC 85VAC...265VAC, 50-60Hz or

.

Power Consumption:

15VA

Display:

Color-TFT-touch-screen display, 320 x 240 pix
16it, 3,5' with robust touch-screen

The user can define his own alarm thresholds which do not only control critical values but also activate therefor occupied outputs. Predefined alarms are triggered automatically if unexpected system conditions (probe errors, control errors, etc.) occur.

An integrated web server allows remote access to all new MESA devices.

User accounts with password protection improve the safety in usage by locking access levels, parameters and functions depending on user privileges.

MCON Nitro controller is available with only one or two control loops.

Kn-Level Measuring Range:

0...99.99 Kn

Kn-Level Measurements:

Sensor for measurement H₂

Optional:

Isolated RS485/422, Profibus

Accessories

Standard bracket mount bars

