

# Quick Guide DU2100-M21 Revision B0

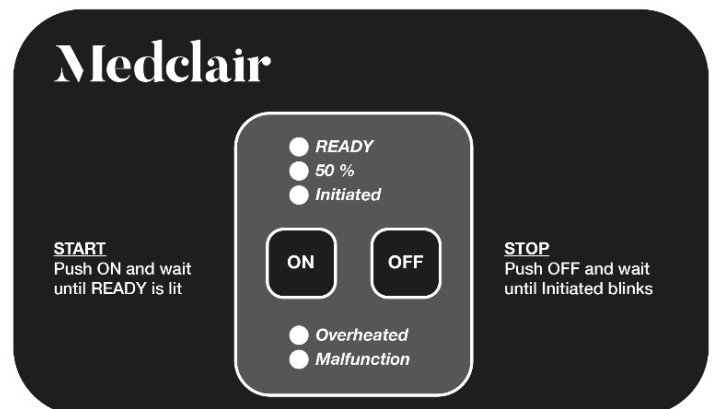
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## Preparations before use

- Secure that the CO2 filter isn't saturated (purple). If saturated, change before use.
- Use the handle to move the unit in position.
- Lock the wheels to avoid that the unit is unintentionally moved
- Mount the gas cylinder/cylinders on the unit and use the straps to fix them to the unit
- If only one port is used the supplied buffer tube must be attached to the other port to avoid that the demand valve is opened because of generated negative pressure, as in picture to the left.
- Connect the unit to the wall socket 230 VAC
- The operator panel shall now indicate that the unit has electric connection, "Initiated" blinks

DU2100-M2 is provided with a washable operator panel with buttons for start (ON), stop (OFF), indications for operating status and possible fault situations.



## Start of DU2100-M21

- Press "ON" button
- "Initiated" is lit to indicate that the unit has started its heating phase (< 30 min)
- "50%" is lit when the heating has reached half way ("Initiated" is turned off)
- "READY" is lit when the unit is ready for use ("50%" is turned off)

**NOTE:** If the unit has been in operation recently there will be heat remaining in the unit and therefore the indications "50%" or "READY" may be lit directly at start of the unit – this is the case after a short move of a unit that has been in operation.











**NOTE:** The unit may never be started with both its connections plugged i.e. the unit needs to "breathe". "Malfunction" will in this case be lit because of blockage of incoming air flow.

## Shutdown of DU2100-M21

- Press "OFF" button
- The unit now starts the cooling phase and the "READY" indication will blink for one minute
- "Initiated" will start to blink to indicate that the power cord can be disconnected

**NOTE:** The unit will continue cooling down after that the power is disconnected

**NOTE:** If the unit has been used for N<sub>2</sub>O treatment it shall be left running for minimum 5 minutes after completed treatment to empty the units from N<sub>2</sub>O residuals.

Indication	Description	
	No indications	The unit is not connected to 230V
	"Initiated" blinks with short interval	230V power connected to DU2100-M2
	"Initiated" lit	"ON" button has been pressed and the preheating phase has been started
	"50%" lit	The unit has reached 50% of the operating temperature
	"READY" lit	The unit has reached the operating temperature and DU2100-M2 is now ready for use
	"READY" blinks	"OFF" button has been pressed and the cooling down phase has been started.
	"READY" and "Initiated" blinks	The MDU has gone into rest mode. To put the MDU in "READY" mode, press "ON"
	"Initiated" blinks	The power connection can be disconnected without disturbing the cooling down phase.
	"Overheated" lit	Temperature in DU2100-M2 is too high and the unit will adjust the internal temperature and come back to operational status when the temperature is stable.
	"Malfunction" blinks	Decreased purification degree. Contact Medclair support for service: <a href="mailto:support@medclair.com">support@medclair.com</a> (The unit can still be used without risk for the users)



*"Malfunction" lit*

Serious fault.

If the fault remains after restart of the unit, contact Medclair support.