WTG-QUANTOR GMBH

QUANTOR

KREYER

FermLine - Single Tank Temperature Controller

FERMFLEX

WINE BEER CIDER DISTILLATES

NEW MODELS !

FERMLINE

FERMFLEX

The temperature regulator **FermFlex** with Bus-interface for the connection to a computer is designed for measuring and regulating temperature. The controller's double display shows the actual and the required temperature (set-point) in separate displays. Additionally, a LED light shows the actual mode of operation: cooling or heating.

Adjustment of tank temperature can be made either physically on the controller or in the office using the **Ferm-Software** installed on a Server PC (optional). Using the software allows easy and quick analysis of the measured data and of course enables saving these data. The new **FermLine** controllers can be locked by code – single units or the whole installation at once via BUS system - to prevent unauthorised modification of set-points etc. The **FermFlex** controllers can also be completely integrated in the bus system VinInfo.

The **FermFlex** controllers are mounted on a stainless steel plate with a solid hook. They need not be fixedly installed but can simply hang on the tank or nearby. A temperature sensor of adequate length (available as accessories) is then inserted into the tank's thermal socket. We offer three versions of **FermFlex**:

• The standard version **FermFlex** - the controller mounted on a stainless steel plate.
• The compact, all-in control set **FermFlex-Mobile-S** with solenoid valve, filtre, temperature sensor and transformer for connection to a 230V network.
• The compact, all-in control set **FermFlex-Mobile-M** with motorized valve, temperature sensor and transformer.

The **FermFlex-Mobile** series is portable and can be moved from one tank to the next. No special electric installation effort or costs are required. Consequently, they are ideal for producers that wish to have the temperature display directly on the tank and that would like to enjoy a quick changeover whenever they need to alternate between the tanks to be regulated.

SUITABLE FOR INDUSTRIES

CHARACTERISTICS

• Informative display with high contrast LED lighting for distance sighting. Simultaneous display of the measured and the set-temperatures, control-mode and the activity
• Mounted on stainless steel plate with solid hook
• Temperature indication from -9,9 to +99,9°C, suitable for measuring high temperature processes such as pasteurization, beer mashing, sugar syrup for CSD etc.
• Robust water resistant housing, IP67
• Integrated safety backup for data protection during electric power-out
• With PC data interface for control over Ferm-Software
• Can be locked by code – a single controller or the whole installation at once
• Integration into the bus system VinInfo possible

FermFlex - Standard

FermFlex-Mobile-S
with solenoid valve ½" (nickel-plated), filtre ½",
temperature sensor (PT1000, length 5m) and
transformer

FermFlex-Mobile-M
with motorised valve ½", temperature sensor
(PT1000, length 5m) and transformer

TECHNICAL DATA		
Temperature range		from -9,9 to +99,9°C (from 14,2 to 211,8°F)
Power supply		24V AC +/-10%
Output		24V AC / 2,5A
Regulation structure		2-point (heating or cooling) 3-point (heating and cooling)
Protection type (controller)		IP 67
Casing controller:	Material	PC-ABS with high resistance PVC face foil
	Dimensions (WxHxD)	110x90x40mm
Weight:	FermFlex - Standard FermFlex-Mobile-S FermFlex-Mobile-M	0,30 kg 2,32 kg 2,48 kg

Specifications subject to change.