

Tender Text
Franke milk pump module MU FM EC

For product type A600 FM EC MU and A800 FM EC MU

The milk pump module MU FM EC, aligned with the EasyClean cleaning system, conveys milk from any undercounter refrigerator upwards to the coffee machine, where the milk is foamed or heated for the preparation of coffee specialties.

Technical data

<u>Milch storage:</u>	2 Containers á 12 l (scope of delivery) / alternative 2 BIB		
<u>Mains power connection:</u>	24V DC, 3,5 Å - Power supply by the fully automatic coffee machine		
<u>Cooling temperature:</u>	+ 3°C bis + 8°C (Milk)		
<u>Weight:</u>	up to 2 kg (MU)		
<u>Dimensions:</u>	<u>MU:</u>	<u>Milk container:</u>	
	Width:	198 mm	186 mm
	Hight:	96 mm	272 mm
	Depth:	280 mm	370 mm
<u>Installation space:</u>	Width:	220 mm	200 mm
	Hight:	120 mm	350 mm
	Depth:	380 mm	380 mm
<u>Noise emission:</u>	<70db A		
<u>Approvals:</u>	CE / CB		

Device design

The pump housing is made of easy-care plastic.

Features

The milk, cooled between +3°C and +8°C, is sucked in with the high-performance pump integrated in the MU EC pump module for optimum dosing of the milk quantity and foamed or heated by the milk system integrated in the coffee machine. By using the two supplied transparent milk containers with handle and lid, the dosage from the second container with for example a second type of milk is controlled via the integrated changeover valve. To increase capacity with the same type of milk in the second milk container, the switchover takes place automatically as soon as the first container is empty. The milk empty message and the product blocking in case of milk deficiency takes place automatically on the connected coffee machine. The installation takes place in an existing, customer own cooling unit in the counter below the coffee machine. If the coffee machine is operated with a coffee grounds ejection, the cooling unit is installed to the left or right below the coffee machine. Alternatively, the use of BIB systems (Bag-In-Box) is also possible thanks to the delivered CMB adapters.

Customer settings

Customers can adjust parameters as for example the milk temperature or the quantity of the milk via the touch screen of the coffee machine. The backup of the product settings is carried out on the internal memory or via the USB interface. The access can be individually defined and secured with PIN-code.

Billing systems

Product billing of the prepared products is possible via the connected coffee machine which can be connected to commercial billing systems such as a coin validator, coin changer or card reader via an MDB interface. Integrated counters per product purchase and total product purchase.

Cleaning system EC EasyClean

The integrated, automatic rinsing and cleaning system EC EasyClean for the entire preparation area makes maintaining the device easier. The special system cleaner (free of both DDAC and BAC) ensures maximum cleaning quality, optimum hygiene and uniform product quality. Visual user guide and display of cleaning steps on the touch screen of the connected coffee machine, e. g. the dosing of cleaners for the cleaning process. The necessary hot water quantity is automatically added to the supplied cleaning container by the connected coffee machine once the cleaning program has started. Programmable starting time for rinsing of the milk line, even up to the pump module MU EC in the cooling unit and for the foamer head, e. g. directly after each product preparation or, e. g. three minutes after the last preparation. For the rinsing of the milk system and the coffee-outlet is the starting time programmable immediately after each product or for example 3 minutes after the last one. The milk system will be also rinsed inside the pump module MU EC installed in the customer own cooling unit.

Manufacturer

Franke Kaffeemaschinen AG (ISO 9001 certificated)