



Franke Coffee Systems

The art of excellent coffeemaking

Franke Evolution Basis E 1M HD CF1

The Franke Evolution Basis E 1M HD CF1 is a microprocessor-controlled, fully automatic coffee machine with 1 coffee grinder for custom coffee specialities such as ristretto, espresso, caffè crème and cappuccino. It also dispenses hot water and steam.

Technical data

<u>Hourly performance:</u>	Espresso:	180 cups
	Caffé crème:	120 cups
	Cappuccino:	120 cups
	Hot water:	20 litres
<u>Power rating:</u>	Coffee machine: 2.2 kW	
<u>Power connection:</u>	Coffee machine: 230 V 2LN PE, 16A, 50/60 Hz	
<u>Water supply:</u>	Cold water connection G 3/8" external thread	
	Water pressure 80-600 kPa (0.8-6.0 bar)	
<u>Water outlet:</u>	Outlet hose Ø 16 x 2000 mm; funnel Ø 50 with siphon	
<u>Weight:</u>	36 kg	
<u>Dimensions:</u>	Width:	320 mm
	Height:	680 mm
	Depth:	600 mm

Design

All major parts are made of high-grade stainless steel. Housing parts are made of coated high-grade steel and bean containers are made of easy-care plastic. All components relevant to safety have been certified by the responsible certification authorities. The machine carries the CE mark and is EMC and CB shielded and tested.

Special features

The coffee machine is equipped with a low-noise precision coffee grinder (bean container capacity of 1.5 kg) and a manual filling funnel for ground coffee.

Self-service operation offers a maximum of 6 coffee products. The operated version has up to 20 coffee products, 6 individually programmable product buttons, and separate hot water and steam buttons.

Operator guidance, settings and the status displays are shown on the 2-line, 20-character LCD. The selected products are displayed by means of the product LEDs and in the LCD.

The height-adjustable dual coffee dispenser makes it possible to use different sized cups, jugs and other vessels up to a maximum height of 150 mm. The milk frother integrated in the dual coffee dispenser ensures trouble-free preparation of all popular coffee specialities.

The milk frother is also available as a dual dispenser.

Metered or free-flow hot water and steam are dispensed from separate outlets.

Preparation of coffee specialities is based on the espresso process. Coffee specialities can be freshly prepared as needed for single or tandem cups. The milk is heated or frothed by the milk frother integrated in the coffee dispenser and served with the coffee in one work process. The sequence in which the milk is output -- whether before, while or after the coffee is output -- can be programmed. The coffee beans are freshly ground automatically after pressing a product button. After brewing, the dry coffee grounds are collected in the built-in grounds tray (up to 50 portions).



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Customer settings

Thanks to an intelligent chip card, the user can rapidly set important parameters such as the quantity of ground coffee and water in a matter of seconds. And settings can be corrected just as quickly. The optimal setting values can be saved on a memory card after installation and reloaded at any time. Access rights to the customer settings can be individually defined and saved with a PIN code.

Billing systems

The coffee machine is ready to be connected to commercially available payment and billing systems. Also, internal counters keep track of output (total count, count per product, etc.).

Cleaning and hygiene

The integrated automatic rinsing and cleaning program for the coffee and milk area makes it easy to maintain and care for the unit while ensuring excellent hygiene and consistently high quality coffee.

Standard equipment

- Fully electronic control system with illuminated LCD and programming with chip card
- Separate hot water and steam outlets
- Metal brewing unit with constant piston heater
- 1 high-grade stainless steel tanks for coffee, hot water & steam
- 1 low-noise precision grinder with direct grinding
- 1 coffee bean container made of plastic, 1.5 kg capacity, monitored fill level
- Manual filling funnel for ground coffee
- Adjustable coffee dispenser from 80 to 150 mm
- Integrated milk frother
- 5 (6) selector buttons for coffee and milk products; dual function with the Shift key
- Dry coffee grounds discharged into a tray for 50 portions, electronic overfill safeguard
- Ready to be connected to commercially available payment and billing systems
- Housing made of high-grade stainless steel and plastic in anthracite grey or silver

Options

- Grounds chute for direct disposal into a waste bin installed under the counter
- Special RAL colours on request

Accessories and add-ons

- Refrigeration unit
- Cup warmer
- Chocolate beverage dispenser

Manufacturer Franke Kaffeemaschinen AG

Article no.: E 1M HD CF1