

#### Specification text

## Franke A200 MS EC 2G H1 S1 W1 - (fixed water)

Microprocessor controlled fully automatic coffee machine with 2 precision coffee grinders for the individual preparation of coffee and coffee specialties. Other products with warm milk and milk foam can be prepared through the processing of fresh milk. One hot water dispenser for dosed or non-dosed output of hot water. One Steam dispenser for dosed or non-dosed output of steam for manual heating of milk or preheating of cups.

## <u>Technical Data</u> Output – Cups per hour\*:

		1L N PE 220-240V 50/60Hz 1200-1500W 10A		1L N PE 220-240V 50/60Hz 2400-2750W 16A	
	Single cup/h	Double cup/h	Single cup/h	Double cup/h	
Espresso	102	148	102	148	
Café Crème	69	85	69	85	
Cappuccino	77	112	87	126	
Latte Macchiato	62	78	62	78	
Hot water	71	-	99	-	
Hot water	(14l/h)	-	(20l/h)	-	
Milk coffee	58	80	87	126	
Warm milk	62	-	62	-	

Energy loss	KWh/24h	0,703	0,761

<sup>\*</sup>Output per hour and energy loss information are according to DIN18873-2

Electrical connections: 220-240 VAC, 1L N PE, 2400-2750 W, 50-60 Hz, 16 Á (EU)

220-240 VAC, 1L N PE, 1200-1500 W, 50-60 Hz, 10 Á (CH) 120 VAC, 2L PE, 1450 W, 60 Hz, 15 Á (USA) 100 VAC, 2L PE, 1300 W, 50-60 Hz, 15 Á (JP)

EuP-Policy: Stand-by < 0,5 Watt

Net weight: up to max. 25 kg

<u>Dimensions:</u> width: 340 mm

height: 604 mm depth: 560 mm

Water connection: Fixed water connection: G 3/8" external thread

Water pressure: 80 to 800 kPa (0,8 to 8,0 bar)
Inlet hose: Ø 8 x 1500 mm, union nut G3/8"

<u>Drainage for drip tray:</u> Waste water hose: Ø 16 x 2000 mm

Drainage connection: Funnel trap  $\varnothing$  50 mm

Noise emission: Acoustic pressure: < 70 dB (A)

Approvals: CE / CB / HACCP

# Device design



Housing parts und product containers are made of easy-care plastic, the drip grid is made of stainless steel. All safety-relevant components are certified by the appropriate bodies. On top of the device is space for the storage of cups. The casing color is black/anthracite or high gloss black (black line).

#### **Operating panel**

4,3 inch color touch screen for the operation and setting, as well as the display for the status of the device and the device capabilities. 6 product pages, all Individual definable. Each product page with 6 buttons for the presentation of 36 products. The products can be displayed individually with predefined images and text or via USB interface with customer-specific images. In the billing mode the product prices and possible credits are displayed. Events and informations, such as for example the lack of coffee beans is displayed in color or can be called from the dashboard behind the product level.

### Two coffee-grinders 2G

Two precision coffee-grinders, noise-reduced and with ceramic-disks for the direct grinding of coffee beans. Dual-chamber bean container for 2 different types of coffee beans each 600 grams made of transparent plastic. The bean container can be removed easily using the central unlocking mechanism on top, with simultaneous hopper shutter. Monitoring of presence and filling level of the bean chambers. A message will be displayed on the touch screen in case of absence of the container or lack of beans and the products are locked.

#### **Brewing system**

The brewing system with a plastic brewing unit with a capacity from 7 to 14 g and pre infusion is suited for the preparation of classic Espresso, Café Crème and other coffee specialties. After the choosing of a product, the fresh grinding from coffee beans will be automatically started. Coffee specialties are prepared freshly and on demand in single or double cups. Powder lid for the manual dosing of ground coffee. After the coffee-preparation the dry coffee grounds is collected in the built-in drawer (up to 40 cakes). The brewing group can be replaced easily without any tools for example for cleaning. The absence will be shown on the touchscreen.

#### Coffee outlet

Stepless height adjustment from 70 mm to 180 mm enables the use of all standard cups, drinking containers and jugs up to a maximum height of 180 mm. The hot water output is integrated into the spout and adjustable in height with this. In addition to the dispensing of single products, the double spout allows the simultaneously dispensing of 2 coffee products such as classic Espresso or Café Crème. Output area is illuminated with LED-light during the product preparation.

## Milk system MS

For the preparation of warm milk and milk foam. With the built-in milk foamer in the coffee outlet, the milk is foamed and heated up. The milk dispensing takes place together with the coffee in a single operation. The time of dispensing the milk before, with or after the coffee is individually programmable. In addition to the dispensing of single products, the double-cappuccinatore allows the simultaneously dispensing of 2 coffee products with milk such as cappuccino or latte macchiato.

# Optional milk refrigerators:

Franke KE200

- Refrigerator side unit

Milk supply 1 x 4 l

# **Customer settings**

The customer can adjust the key parameters as for example the amount of coffee powder and water via the touch screen or can define new products. Uploading your own customer images for the screen saver and the product settings backup is carried out via the USB interface. The access can be individually defined and secured with PINcode. Timer with programmable starting time for switch-on and switch-off for a maximum of energy efficiency and minimal power consumption in standby mode.

#### **Billing systems**

\*\* VIP-interface with MDB-interface for the connection of commercial billing systems such as a coin validator, coin changer or card reader. Integrated counters per product purchase and total product purchase. Up to 4 price lists programmable (1x cash, 3x credit). SD-card reader and optional IrDA Interface (Infrared for a customers own reader)



for data transfer of product counters. Data transfer in .csv-format via USB-interface. Data transceiving via EVA-DTS standard. Backup in the VIP-Interface.

# Optional billing units:

Coin validator - side unit (A-line design)\*\* Coin changer - side unit (A-line design)\*\* Value- and money cards reader\* - side unit (A- line design)\*\* smartSCHANK - side unit (Aluminium housing)

# 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 cleaning agents (DDAC- and BAC-free) are providing an optimum of hygiene as well as a consistent product quality. For the visual operator guidance all manual cleaning steps are displayed on the touchscreen, such as the dosing of cleaning agents and water. The Rinsing of the milk system and the coffee-outlet is set immediately after each product or 5 minutes after the last one. The Output area is illuminated with LED-light during the cleaning process.

#### Options:

Telemetry Internet access via Smartphone, Tablet, laptop or PC on machine sales, meter readings and error messages at all device locations and evaluation of the current month. View machine data live and adjust the settings directly via cloud. Get information of the machine about status, cleaning intervals and due maintenance dates, thus guaranteeing high quality standards throughout in order to serve firstclass coffee. Lockable containers Beans container and powder lid lockable with a central lock.

Powder container lockable with separate locks.

Coffee grounds chute A chute disposed the coffee grounds directly into a waste container that is

installed under the counter.

For the exact positioning of the coffee cup under the coffee outlet Cups positioning

Cup warmer CW270 Add-on unit for the preheating and storage of approx. 120 coffee cups

Coffee Caddy Transport trolley for mobile use of coffee machines

Manufacturer Franke Kaffeemaschinen AG (ISO 9001 certificated)

<sup>\*</sup>Reading unit is provided by customer