

Automatic filling and closing machine Minican FM servo



Monoblock filling and capping machine with:

- **massflow-meter dosing system**
- **servo capper and**
- **high performance user interface with database and CIP/SIP control**

The massflow-meter

the central point of the dosing system



- ← filling hose
- ← flow speed regulation
- ← flow meter
- ← product infeed (0,5 – 2 bar)

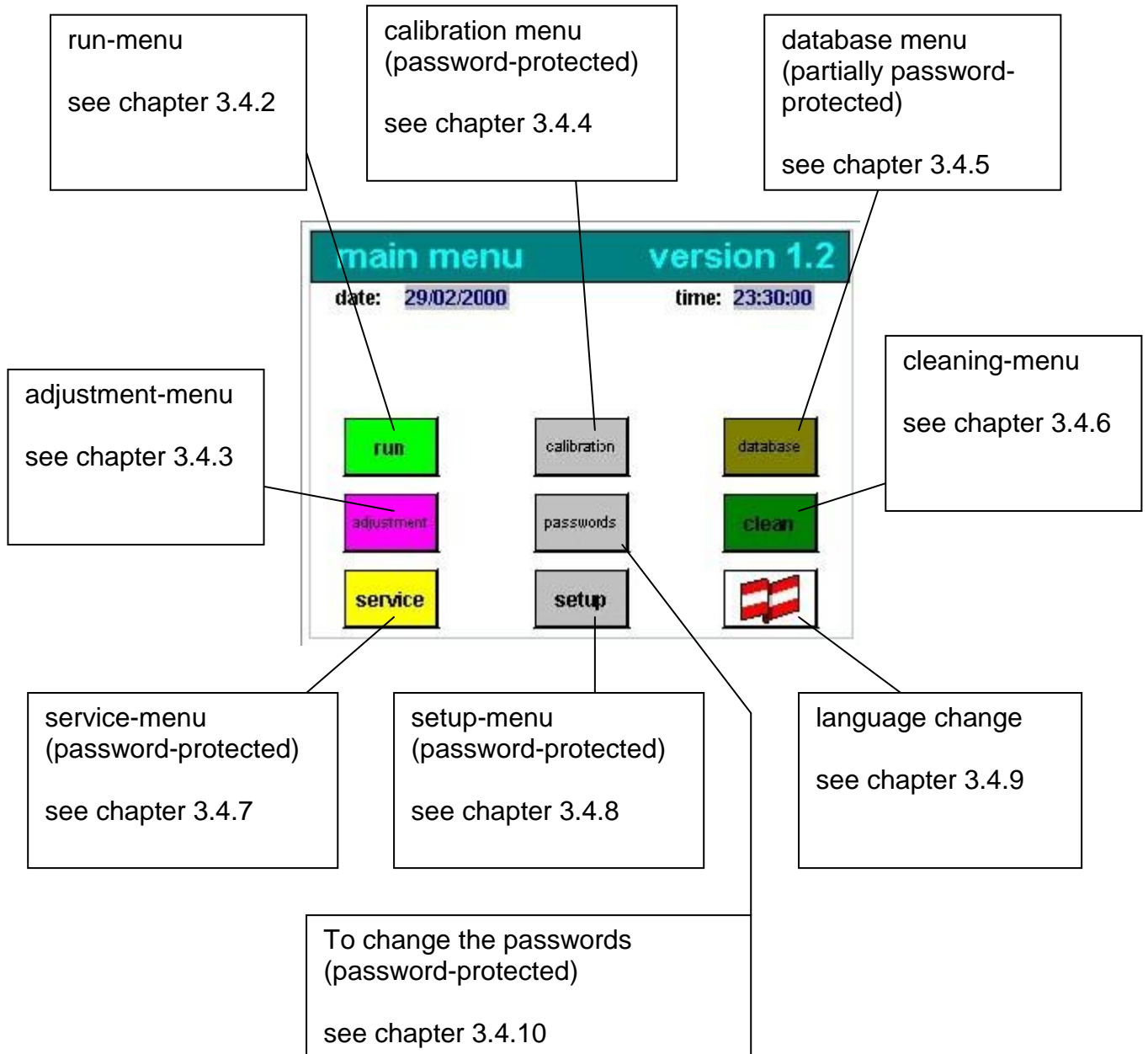
Filling nozzle with mounted CIP/SIP waste hose



- ← Filling nozzle (reaching inside CIP/SIP fitting)
- ← CIP/SIP fitting with temperature sensor for streaming temperature
- ← waste hose for cleaning medium and steam

Example of interface settings

(in reference to the machine handbook)



Technical data:

Number of filling stations:	1-6
Filling ranges:	1-100 ml 10-1000 ml 50-5000 ml
Product contacting parts:	stainless steel 1.4571 (AISI 316 Ti) and Titanium, others on request
Filling hoses:	EPDM, Perbunan, others on request
Filling valves:	diaphragm valve
Machine casing:	stainless steel 1.4301 (AISI 304)
Machine drive:	230/400 V, 3 phase, 1,5 kW
Compressed air:	6 bar, filtered, oil-free
Max. bottle diameter:	80 mm (alternatively 100 or 150 mm)
Max. bottle height:	350 mm (alternatively 500 mm)
Output:	max. 60 bottles/min depending on bottle, product and filling volume.

Optionals:

statistics interface
bottle unscrambler
labelling machine
ink jet coder
and others