



DOX 45-DOMIX 45-DOMIX 45A



Water Doser and Mixer

DOMIX 45 A is an electronic Doser-Mixer with microprocessor electronics, equipped with a digital touch-type keyboard for setting the quantity and the temperature of the water to be dosed, with 80 different recipes. It is equipped with digital displays for the visualization of the water quantity and for the temperature measured by the external probe. Mixing and by-pass are automatic.

It doses and mixes warm and pipe water, warm and refrigerated water; refrigerated and pipe water; warm, refrigerated and pipe water (according to the type of installation) to obtain the desired water quantity at the desired temperature. An automatic by-pass is foreseen for draining of water not at set temperature, which can be controlled thermostatically or by time. The device has the double function of doser and microdoser: it is possible to set either big batches (up to 999,9l) at a resolution of tenth of litre, or small batches at a resolution of centesimal of litre (up to 99,9l).

Standard features

- Structure in stainless steel.
- Microprocessor logic with permanent memory for 80 different recipes to be recalled, plus one always present.
- Digital keyboard **(15)** for setting or recalling of memories or manual delivery.
- Key **(10)** to move from setting of the quantity to the setting temperature and vice-versa..
- Keys **(11)/START** for starting or restarting water delivery. **STOP/C** Key **(5)** for manual stop or eventual clearing of visualized memory.
- Digital display **(16)** for litres selected, yet to be delivered (during batching), or already discharged (after pressing **STOP/C**).
- Digital display **(8)** for the set and real temperature at the delivery, showing tenths of degree.
- Digital display **(9)** for the temperature measured by the external probe, showing tenths of degree.
- Series of functions control lights **(14)**.
- External temperature probe **(6)** with 5m extensible cable.
- Supply plug, with fuse and spare **(7)** and remote pump control plug with fuse and spare.
- Regulation knob **(5)** for setting temperature, with two reference scales (warm and pipe and pipe and refrigerated water).
- Ball-taps **(1)** with OR gasket.
- OR gasket-type unions **(2)** for an easier installation
- Double stainless steel net filters **(3)** for water impurities.
- No-return valves **(4)**.
- 2,5 m delivery hose **(12)** with stainless steel terminals
- By-pass fitting **(13)** to be connected to a waste pipe (or a second hose)
- Internal fittings made entirely of bronze, brass and stainless steel.



DOMIX 45 is a Doser-Mixer, similar to the DOMIX 45A, except for:

- The lack of the automatic by-pass, substituted by a manual ball-tap.
- The temperature in the recipes has the only function of memorization for the operator and can also be omitted.
- The lack of the micro-doser function.



DOX 45 is a Doser of the 45 Series. The delivery temperature is only measured and shown on display (8). DOX 45 (compared with the DOMIX 45) has:

- Standard structure in ABS, optional stainless steel.
- No external temperature probe, display and by-pass..
- No temperature setting knob.

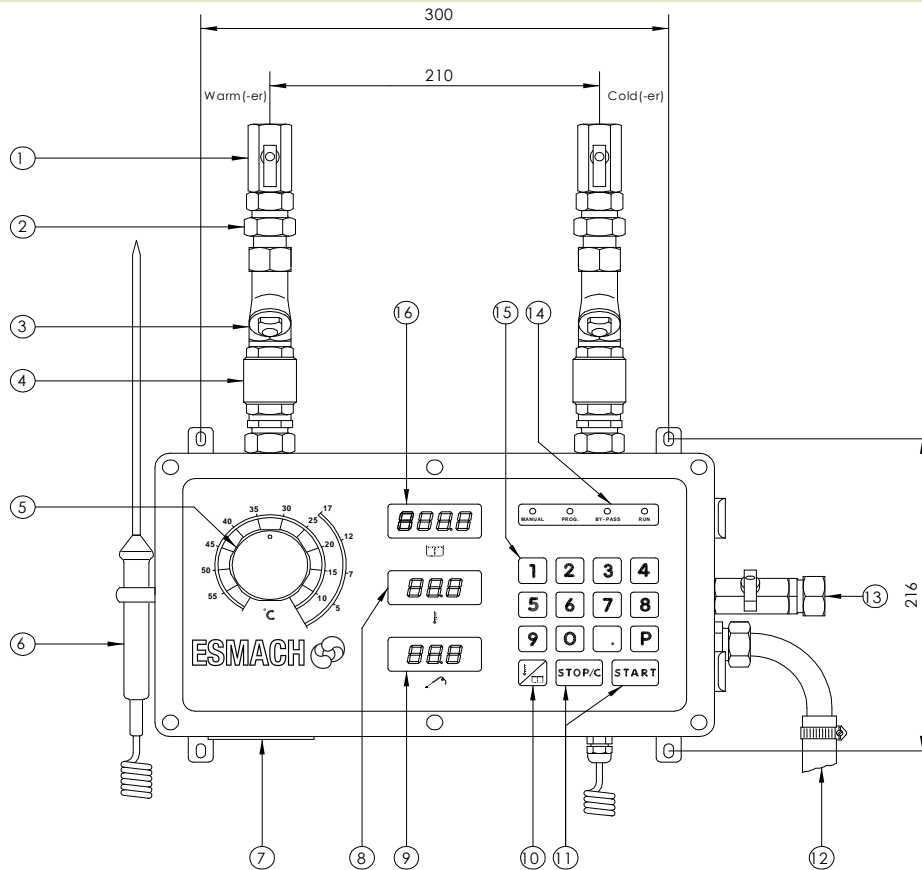


Options

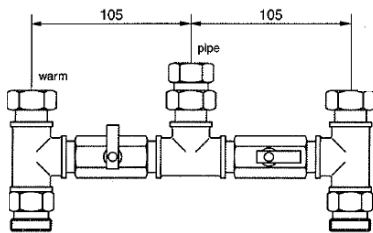
- Remote **START** and **STOP** controls through clean contacts.
- Remote control by RS422 or RS485 serial interface.
- Kit of setting of brass and stainless steel for three pipes feeding (warm, cold and refrigerated water); for DOMIX 45 and DOMIX 45A only.
- Second drain hose for the by-pass for DOMIX 45 and DOMIX 45A.



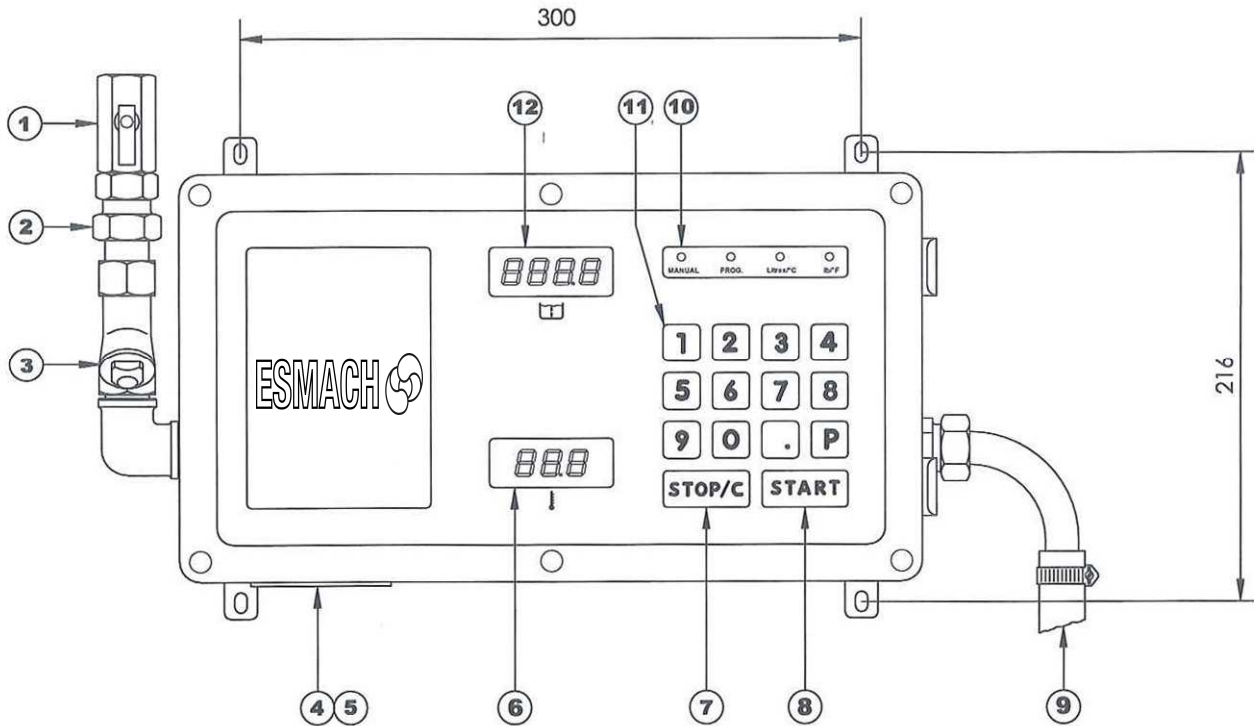
Water Doser and Mixer DOX 45 – DOMIX 45 – DOMIX 45A



3 WAY KIT (option) - to connect the device to warm, and to select the inlets water manually.



TYPE	u	DOMIX 45	DOMIX 45A
Water Connections	"	1/2	1/2
By-pass water fitting	mm	16	16
Max water entry temperature	°C	65	65
Setting Range	°C	1÷60	1÷60
Temperature Precision	± °C	1	1
Max water entry pressure	Bar	5	5
Min water entry pressure	Bar	1	1
Max ratio between the 2 entry pressures		1:5	1:5
Maximum dosing	L.	999,9	999,9/99,99
Dosing precision	± %	1	1
Water delivery at 1 bar and 20°C	l/min	18	18
Water delivery at 5 bar and 20°C	l/min	40	40
Voltage/frequency	V/Hz	230-110/50-60	230-110/50-60
Power	VA	25	25



TYPE	u	DOX 45
Water Connections	"	1/2
By-pass water fitting	mm	-
Max water entry temperature	°C	65
Setting Range	°C	-
Temperature Precision	± °C	-
Max water entry pressure	Bar	5
Min water entry pressure	Bar	0,5
Max ratio between the 2 entry pressures		-
Maximum dosing	L.	999,9
Dosing precision	± %	1
Water delivery at 1 bar and 20°C	l/min	25
Water delivery at 5 bar and 20°C	l/min	55
Voltage/frequency	V/Hz	230-110/50-60
Power	VA	25