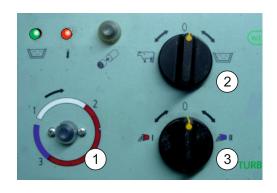
Brief operating instruction

for the exchange milking control **RM-20** after installation into the Westfalia "TURBOSTAR" rinsing unit





Selector switch 3 - Selection of detergent

Function not changed

Operating mode selector switch 2 - mode "OFF"

All relays are switched off. Both lamps are off.

Operating mode selector 2 switch - mode "milking" - (cow)

The vacuum pump is switched on via the control. Both lamps are off.

Operating mode selector 2 - mode "cleaning" - (tank)

The green lamp flashes and signals "ready to start". All outputs are still switched off.

- Start the rinsing program and run the complete program: Press start button 1 "briefly".
- Perform the last rinse cycle only (after rinse): Hold start button 1 until the green lamp flashes.

Arunning rinse-program is signalised by the flashing of the green lamp.

The flashing rhythm indicates in which rinse-cycle the control is.

Rinse-cycle 1 (pre-rinse)

During the "main-rinse" the red lamp flashes during the heating phase. If the cleaning is completely finished without an error it is indicated by a slow flashing of the green lamp.

Error messages of the indicator lamps:

Cleaning completed, Green flashes slowly – red flashes constantly

Error: Heating temperature was not reached.

Cleaning interrupted, green flashes quickly, red is off.

Error: Cleaning interrupted – has to be repeated!

Mains failure, safety switch has been triggered or time out during water intake was exceeded.

Before the next milking process starts, make sure that the unit

is completely empty.

I.e. that no detergent or water residues are left

Cleaning cycle	After-rinse (cold)	C7 Lev2 Lev2 Lev2 C3 C4 C5 C6 C7	C20 C20 C21													$ \hspace{.06cm}\rangle$	→ ←	P28 P30 P31 P32 P33 P34 P35 P36 P37		see C30		Generates flushing Number adjustable in C32 See C13	see C35		
	Main-rinse	C42 Lev2 C8 C1 T1 Lev2 Lev2 C3 C4	C20 C22 C20 C21								(z:) d		LS			\rightarrow \leftarrow \mid	→	P20 P21 P22 P23 P24 P25 P26 P27		Main-rieM	Main IIIIsm	Warm-up time Temperature reached Circulation time C10 C11 timed out C12	Within this time, the system is automatically filled with water and flushing is generated
	Pre-rinse (cold)	Lev2 Lev2 C3 C4 C7	C20 C20 C21															→ ←	→ ←	P10 P11 P12 P13 P14 P15	Cleaning stage			Generates flushing Number adjustable in C31	
v		Heat at/after	Timeout at	Lev1 = Below the lower level	Lev2 = Reached the upper level	T1 = Target temperature	Vacuum pump	Vacuum increase	Cold water	Warm water	Dosing	Y13 Circulation	Y14 Suction	Y15 Ventilation	Heater	Milk pump	Sponge valve			Program step	Program step				•