

**PLANNED PREVENTATIVE MAINTENANCE (PPM)**



# **PROACTIVE CARE. PROVEN RELIABILITY.**

**UNDERCOUNTER / PASS-THROUGH / UTENSIL MACHINES**



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## PROACTIVE CARE. PROVEN RELIABILITY.

MEIKO’s PPM programmes are designed to keep your equipment operating at peak performance, preventing issues before they arise

### UNDERCOUNTER / PASS-THROUGH / UTENSIL MACHINES

#### WHAT’S INCLUDED IN A PLANNED MAINTENANCE VISIT

|                                                                             |
|-----------------------------------------------------------------------------|
| <b>1. Errors</b>                                                            |
| Check with customer if any recent errors or issues                          |
| <b>2. Pumps</b>                                                             |
| Check pumps for leaks and any visible damage                                |
| Check pumps for pump rotor noise and function                               |
| <b>3. Wash tank, wash and rinse system</b>                                  |
| Functional and visual tests of wash and rinse arms                          |
| Replace the ring, nut, bearing and spacer washer on the wash and rinse arms |
| Check air trap on tank and clean if necessary                               |
| Check tank level control for leaks                                          |
| Check sieves and filters                                                    |
| Check rack holder/guide for damage                                          |
| Check wash and rinse systems for leaks                                      |
| Check water level in tank                                                   |
| Check door seal                                                             |
| Check tank and boiler heating                                               |
| <b>4. Casing</b>                                                            |
| Check casing, tank and covers for damage and correct operation              |
| Check door and door counter balance for correct operation                   |
| <b>5. Hood and hood counterbalance</b>                                      |
| Check hood for ease of movement                                             |
| Check hood handle bearings visually and for correct operation               |
| Clean hood guide and back wall seal                                         |
| Check life span of springs                                                  |
| <b>6. Fresh water installation</b>                                          |
| Check valves, clean dirt trap                                               |
| Check boiler level switch is working and not leaking                        |
| Check boiler, hoses, clamps and plastic parts do not leak                   |
| Check boiler drainage system does not leak                                  |

|                                                                                 |
|---------------------------------------------------------------------------------|
| <b>7. Wastewater installation</b>                                               |
| Check and replace is worn flap on ventilation valve                             |
| Check operation of drain pump during drainage                                   |
| Check that pumps, hoses are not leaking                                         |
| <b>8. Detergent dosing</b>                                                      |
| Replace peristaltic hose                                                        |
| Check detergent dosing system is working and not leaking                        |
| <b>9. Rinse aid dosing</b>                                                      |
| Replace peristaltic hose                                                        |
| Check rinse aid dosing system is working and not leaking                        |
| <b>10. Test run with function test of whole machine</b>                         |
| Check filling and heating until it is <b>ready for operation</b>                |
| Visual inspection of the entire machine for leaks                               |
| Carry out test wash and check results                                           |
| <b>11. Options</b>                                                              |
| <b>ActiveClean water softener (if applicable)</b>                               |
| Check water hardness setting                                                    |
| Check the seal on the lid of the salt dissolving tank                           |
| Start and check the regeneration process manually                               |
| <b>Integrated reverse osmosis system (if applicable)</b>                        |
| Visually check whole system for leaks                                           |
| Change pre-filter (standard membrane)                                           |
| Change pre-filter (membrane for higher chlorine content)                        |
| Check and descale fine sieve insert and throttle in concentrate line            |
| Check correct function of concentrate drain and check for deposits              |
| Reset pre-filter clock if set up                                                |
| <b>Partial demineralisation (PD)/full demineralisation (FD) (if applicable)</b> |
| Check operation                                                                 |
| <b>Exhaust heat recovery (if applicable)</b>                                    |
| Check operation of fan                                                          |
| Check operation of solenoid valve                                               |
| Carry out visual inspection and check for leaks                                 |
| <b>12. Water quality, temperature</b>                                           |
| Raw water                                                                       |
| Water quality after water treatment                                             |
| <b>13. Electrical safety check</b>                                              |
| Carry out the visual inspection                                                 |
| Check the protective earth conductor                                            |
| Continuity resistance measurement                                               |
| Measure current on protective earth conductor                                   |

\*Subject to terms and conditions