

## PWM 912 [SD DV DD ST]

Professional washing machine, steam heating (direct) with detergent drawer, suds tap, M Touch Pro Plus – freely programmable.



- Drum volume 110 l, load size 12.0 kg
- Top cleaning & consumption values innovative Miele technology
- Ideal operation thanks to colour touch display – M Touch Pro Plus
- Simple and safe operation thanks to automatic door lock
- Connected for the future using LAN and WiFi

EAN: 4002516435952 / Material number: 11779750 / Old Material Number: 51912022GB

| Construction type and version   |                  |
|---|------------------|
| Construction type   | Front loader     |
| Range   | Performance Plus |
| Front   | Stainless steel  |
| Control panel colour  | Stainless steel  |
| Maximum load with a load ratio of 1:9 in kg   | 12.0             |
| Load ratio  | 1:9              |
| Load in kg  | 12.0             |
| Drum volume in I  | 110              |
| Door opening [Ø] in mm  | 415              |
| Door opening angle in degrees   | 180              |
| Door hinge  | right            |
| Automatic door lock   | - Ingint         |
| Innovative suds container   | •                |
| Maintenance-free motor with frequency converter   | •                |
| Patented honeycomb drum 2.0   |                  |
| Application   |                  |
| Suitable for the hotel and catering industry  | •                |
| Suitable for retirement and care homes  |                  |
|   | •                |
| Suitable for facility management Suitable for launderettes                                    | •                |
|   | •                |
| Suitable for residential homes and apartments   | •                |
| Suitable for dry cleaners Suitable for commercial laundries                                   | •                |
| Suitable for small businesses   | •                |
|   | •                |
| Suitable for fire brigades and rescue services  | ·                |
| Suitable for studs, riding schools and stables  | •                |
| Suitable for universities, nurseries, and schools   | •                |
| Suitable for hospitals  | •                |
| Suitable for camp sites   | •                |
| Suitable for sports clubs   | •                |
| Suitable for beauty salons, spas, and fitness centres   | •                |
| Suitable for doctors' and dentists' practices   | •                |
| Suitable for the petrochemicals industry  | •                |
| Suitable for the food-processing industry<br>Suitable for amusement parks & holiday complexes | •                |
|   | •                |
| Suitable for state/community care facilities Performance data                                 | -                |
|   | •                |
| Tested virucidal efficacy   | •                |
| Proven hygiene  | •                |
| Specific water consumption for cold water connection in I/kg                                  | 6.20             |
| Specific energy consumption for cold water connection in                                      | 0.14             |
| kWh/kg  | 0.14             |
| Specific water consumption for hot water connection in I/kg                                   | 5.90             |
| Water consumption with cold water connection in I   | 74.4             |
| Water consumption for cold water connection in Mops   | 136.3            |
| standard 60 °C programme in I   |                  |
| Energy consumption with cold water connection in kW   | 1.68             |
| Energy consumption for cold water connection in Mops  | 2.50             |
| standard 60 °C programme in kWh   |                  |
|   |                  |



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| Programme duration in minutes with cold water connection   | 41  |
|--|---|
| Water consumption with hot water connection in I   | 70.8  |
| Water consumption in ECO programme with cold water   | 69.6  |
| connection in I  | 00.0  |
| Energy consumption in ECO programme with cold water  | 1.10  |
| Programme duration in minutes with cold water connection   | 30  |
| in ECO programme   |   |
| Water consumption in ECO programme with hot water  | 69.6  |
| connection in I  |   |
| Programme running time in minutes for Mops standard  | 53  |
| 60 °C programme with cold water connection   |   |
| Residual moisture with cold rinse in %   | 48  |
| Residual moisture with hot rinse in %  | 44  |
| Residual moisture when processing cleaning cloths in %   | 25  |
| Spin speed in rpm  | 1150  |
| g factor   | 458   |
| Tested operating hours   | 30000   |
| Control system   |   |
| Control system   | M Touch Pro Plus  |
| Programmability  | Freely programmable   |
| Max. delay start in h  | Freely selectable   |
| Time left display  | •   |
| Programme sequence indicator   | •   |
| Selectable display languages   | •   |
| Option to enter weight prior to start of programme   | •   |
| Standard/target grp programmes   |   |
| Basic programmes   | •   |
| Dispensing   |   |
| Detergent drawer   | 3 compartments  |
| Botorgonit anatron   |   |
| Maximum number of connections for liquid dispenser   | 12  |
|  | 12  |
| Maximum number of connections for liquid dispenser   | •   |
| Maximum number of connections for liquid dispenser pumps [number]  |   |
| Maximum number of connections for liquid dispenser<br>pumps [number]<br>Empty sensor   |   |
| Maximum number of connections for liquid dispenser<br>pumps [number]<br>Empty sensor<br>Standard electrical connection   | •   |
| Maximum number of connections for liquid dispenser<br>pumps [number]<br>Empty sensor<br>Standard electrical connection<br>Heating type   | •<br>Direct steam   |
| Maximum number of connections for liquid dispenser<br>pumps [number]<br>Empty sensor<br>Standard electrical connection<br>Heating type<br>Electrical connection  | Direct steam     3N AC 400V 50HZ  |
| Maximum number of connections for liquid dispenser<br>pumps [number]<br>Empty sensor<br>Standard electrical connection<br>Heating type<br>Electrical connection<br>Steam heater rating in kW   | Direct steam     3N AC 400V 50HZ     27.00  |
| Maximum number of connections for liquid dispenser pumps [number]         Empty sensor         Standard electrical connection         Heating type         Electrical connection         Steam heater rating in kW         Total connected load in kW  | Direct steam     3N AC 400V 50HZ     27.00     2.30   |
| Maximum number of connections for liquid dispenser pumps [number]         Empty sensor         Standard electrical connection         Heating type         Electrical connection         Steam heater rating in kW         Total connected load in kW         Fuse rating in A   | Direct steam     3N AC 400V 50HZ     27.00     2.30   |
| Maximum number of connections for liquid dispenser pumps [number]         Empty sensor         Standard electrical connection         Heating type         Electrical connection         Steam heater rating in kW         Total connected load in kW         Fuse rating in A         Possible voltage variant 1  | Direct steam     3N AC 400V 50HZ     27.00     2.30     16  |
| Maximum number of connections for liquid dispenser pumps [number]         Empty sensor         Standard electrical connection         Heating type         Electrical connection         Steam heater rating in kW         Total connected load in kW         Fuse rating in A         Possible voltage variant 1         Electrical connection  | Direct steam     3N AC 400V 50HZ     27.00     2.30     16     3N AC 400V 60HZ  |
| Maximum number of connections for liquid dispenser pumps [number]         Empty sensor         Standard electrical connection         Heating type         Electrical connection         Steam heater rating in kW         Total connected load in kW         Fuse rating in A         Possible voltage variant 1         Electrical connection  | Direct steam     SN AC 400V 50HZ     27.00     2.30     16     SN AC 400V 60HZ     2.30   |
| Maximum number of connections for liquid dispenser         pumps [number]         Empty sensor         Standard electrical connection         Heating type         Electrical connection         Steam heater rating in kW         Total connected load in kW         Fuse rating in A         Possible voltage variant 1         Electrical connection         Total connected load in kW   | Direct steam     SN AC 400V 50HZ     27.00     2.30     16     SN AC 400V 60HZ     2.30   |
| Maximum number of connections for liquid dispenser         pumps [number]         Empty sensor         Standard electrical connection         Heating type         Electrical connection         Steam heater rating in kW         Total connected load in kW         Fuse rating in A         Possible voltage variant 1         Electrical connection         Total connected load in kW         Fuse rating in A         Water connection/drainage  | Direct steam     3N AC 400V 50HZ     27.00     2.30     16     3N AC 400V 60HZ     2.30     16     16   |
| Maximum number of connections for liquid dispenser         pumps [number]         Empty sensor         Standard electrical connection         Heating type         Electrical connection         Steam heater rating in kW         Total connected load in kW         Fuse rating in A         Possible voltage variant 1         Electrical connected load in kW         Fuse rating in A         Water connected load in kW         Fuse rating in A         Cold water [number]   | Direct steam     3N AC 400V 50HZ     27.00     2.30     16     3N AC 400V 60HZ     2.30     16     3 x 1/2" hose w/ 3/4" union     1x 1/2" hose w/ 3/4" th.     union   |
| Maximum number of connections for liquid dispenser         pumps [number]         Empty sensor         Standard electrical connection         Heating type         Electrical connection         Steam heater rating in kW         Total connected load in kW         Fuse rating in A         Possible voltage variant 1         Electrical connected load in kW         Fuse rating in A         Water connected load in kW         Fuse rating in A         Cold water [number]   | Direct steam     3N AC 400V 50HZ     27.00     2.30     16     3N AC 400V 60HZ     2.30     16     3 x 1/2" hose w/ 3/4" union     1x 1/2" hose w/ 3/4" th.   |
| Maximum number of connections for liquid dispenser         pumps [number]         Empty sensor         Standard electrical connection         Heating type         Electrical connection         Steam heater rating in kW         Total connected load in kW         Fuse rating in A         Possible voltage variant 1         Electrical connected load in kW         Fuse rating in A         Water connected load in kW         Fuse rating in A         Water connection/drainage         Cold water [number]         Hot water [number]  | Direct steam     3N AC 400V 50HZ     27.00     2.30     16     3N AC 400V 60HZ     2.30     16     3 x 1/2" hose w/ 3/4" union     1x 1/2" hose w/ 3/4" th.     union   |
| Maximum number of connections for liquid dispenser<br>pumps [number]<br>Empty sensor<br>Standard electrical connection<br>Heating type<br>Electrical connection<br>Steam heater rating in kW<br>Total connected load in kW<br>Fuse rating in A<br>Possible voltage variant 1<br>Electrical connection<br>Total connected load in kW<br>Fuse rating in A<br>Water connection/drainage<br>Cold water [number]<br>Hard water (optional) [number]  |   |
| Maximum number of connections for liquid dispenser<br>pumps [number]<br>Empty sensor<br>Standard electrical connection<br>Heating type<br>Electrical connection<br>Steam heater rating in kW<br>Total connected load in kW<br>Fuse rating in A<br>Possible voltage variant 1<br>Electrical connection<br>Total connected load in kW<br>Fuse rating in A<br>Water connected load in kW<br>Fuse rating in A<br>Water connection/drainage<br>Cold water [number]<br>Hot water (optional) [number]<br>Dump valve   |   |
| Maximum number of connections for liquid dispenser         pumps [number]         Empty sensor         Standard electrical connection         Heating type         Electrical connection         Steam heater rating in kW         Total connected load in kW         Fuse rating in A         Possible voltage variant 1         Electrical connection         Total connected load in kW         Fuse rating in A         Water connection/drainage         Cold water [number]         Hot water (optional) [number]         Dump valve         Steam connection                    | Direct steam     Direct steam     3N AC 400V 50HZ     27.00     2.30     16     3N AC 400V 60HZ     2.30     16     3 x 1/2" hose w/ 3/4" union     1x 1/2" hose w/ 3/4" th.     union     2 x 1/2" w/ 3/4" union     DN 70 |
| Maximum number of connections for liquid dispenser<br>pumps [number]<br>Empty sensor<br>Standard electrical connection<br>Heating type<br>Electrical connection<br>Steam heater rating in kW<br>Total connected load in kW<br>Fuse rating in A<br>Possible voltage variant 1<br>Electrical connection<br>Total connected load in kW<br>Fuse rating in A<br>Water connected load in kW<br>Fuse rating in A<br>Water connection/drainage<br>Cold water [number]<br>Hot water (number]<br>Hard water (optional) [number]<br>Dump valve<br>Steam connection<br>NEMA Plug: Twist Lock L6-30 | Direct steam     Direct steam     3N AC 400V 50HZ     27.00     2.30     16     3N AC 400V 60HZ     2.30     16     3 x 1/2" hose w/ 3/4" union     1x 1/2" hose w/ 3/4" th.     union     2 x 1/2" w/ 3/4" union     DN 70 |



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|  | 007                |
|--|--------------------|
| External dimensions, width in mm               | 837                |
| External dimensions, depth in mm               | 924                |
| External dimensions, gross height in mm        | 1480               |
| External dimensions, gross width in mm         | 1090               |
| External dimensions, gross depth in mm         | 1130               |
| Net weight in kg                               | 272.0              |
| Gross weight in kg                             | 291                |
| Maximum floor load in N/m <sup>2</sup>         | 4412               |
| Emissions data                                 |                    |
| Emission sound pressure level in the workplace | 65 dB(A) re 20 μPa |
| Heat dissipation into the room in MJ/h         | 6.48               |
| Features                                       |                    |
| Patented pre-spin                              | •                  |
| Cloth reprocessing                             | •                  |
| 3-dimensional imbalance monitoring             |                    |
| Disinfection rinse                             | •                  |
| Efficient scoop-and-ladle ribs                 | •                  |
| EcoSpeed                                       | •                  |
| Spring-in-spring system                        | <u>•</u>           |
| Temperature monitoring                         | <u>•</u>           |
| Sampling tap                                   | <u>•</u>           |
| Special heater element                         | •                  |
| Automatic load control+                        | •                  |
| Volumetric flow meter (optional)               | •                  |
| Weighing plinth (optional)                     | •                  |
| Add laundry                                    | •                  |
| Programme selection via colour frame           | •                  |
| Emergency switch-off                           | •                  |
| Machine-independent accessories                | •                  |
| Efficiency and sustainability                  |                    |
| Recycling rate in %                            | 91                 |
| Connection options                             |                    |
| Payment system (optional)                      | •                  |
| Optical interface for service access           | •                  |
| Peak load cut-out/energy management (optional) | •                  |
| Water recovery (optional)                      | •                  |
| LAN  | •                  |
| WiFi   | •                  |
| Connector Box                                  | •                  |
| Capacities                                     |                    |
| Respirator masks [number]                      | 10                 |
| Helmets [number]                               | 3                  |
| Overalls [number]                              | 2                  |
| Over jackets [number]                          | 3                  |
| Chemical protection suits [number]             | <u></u>            |
| Synthetic duvets [number]                      | 1                  |
| Synthetic pillows [number]                     | 2                  |
| Down duvets [number]                           |                    |
| Down pillows [number]                          | 2                  |
| Cloths, 22 g [number]                          | 2                  |
| Cotton mops, 40 cm / 190 g [number]            | 64                 |
|  |                    |



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| Cotton mops, 50 cm / 220 g [number]          | 56  |
|--|-----|
| Microfibre mops, 40 cm / 120 g [number]      | 100 |
| Microfibre mops, 50 cm / 170 g [number]      | 72  |
| Mops, office, 100 g [quantity]               | 120 |
| Mops, stairway, 150 g [quantity]             | 80  |
| Summer horse blankets [number]               | 2   |
| Standards, test certificates and symbols     |     |
| CE   | •   |
| VDE-EMC                                      | •   |
| VDE  | •   |
| Splash-proof safety rating IPX4              | •   |
| UKCA   | •   |
| WEEE   | •   |
| Complies with Machinery Directive 2006/42/EC | •   |

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