

## PWM 520 Mop Star [EL DV DD]

Professional washing machine, electric heating  
with detergent drawer, M Touch Pro, for facility management.



- Drum volume 180 l, load size 20.0 kg
- Top cleaning & consumption values – innovative Miele technology
- Maximum user convenience with colour touch display – M Touch Pro
- Simple and safe operation thanks to automatic door lock
- Connected for the future using LAN and WiFi

EAN: 4002516435907 / Material number: 11779720 / Old Material Number: 51520005GB

### Construction type and version

|   |                 |
|---|-----------------|
| Construction type                               | Front loader    |
| Range   | Performance     |
| Front   | Iron grey       |
| Control panel colour                            | Stainless steel |
| Maximum load with a load ratio of 1:9 in kg     | 20.0            |
| Load ratio                                      | 1:9             |
| Load in kg                                      | 20.0            |
| Drum volume in l                                | 180             |
| Door opening [Ø] in mm                          | 415             |
| Door opening angle in degrees                   | 180             |
| Door hinge                                      | right           |
| Automatic door lock                             | •               |
| Innovative suds container                       | •               |
| Maintenance-free motor with frequency converter | •               |
| Patented honeycomb drum 2.0                     | •               |

### Application

|                                  |   |
|----------------------------------|---|
| Suitable for facility management | • |
|----------------------------------|---|

### Performance data

|  |       |
|--|-------|
| Specific water consumption for cold water connection in l/kg                                   | 7.80  |
| Specific energy consumption for cold water connection in kWh/kg                                | 0.20  |
| Specific water consumption for hot water connection in l/kg                                    | 7.20  |
| Specific energy consumption for hot water connection in kWh/kg                                 | 0.07  |
| Water consumption with cold water connection in l  | 156.0 |
| Water consumption for cold water connection in Mops standard 60 °C programme in l              | 255.4 |
| Energy consumption with cold water connection in kW  | 4.00  |
| Energy consumption for cold water connection in Mops standard 60 °C programme in kWh           | 4.10  |
| Programme duration in minutes with cold water connection                                       | 58    |
| Water consumption with hot water connection in l   | 144.0 |
| Water consumption for hot water connection in Mops standard 60 °C programme in l               | 256.5 |
| Energy consumption with hot water connection in kW   | 1.40  |
| Energy consumption for hot water connection in Mops standard 60 °C programme in kWh            | 1.70  |
| Programme duration in minutes with cold water and hot water connection                         | 49    |
| Programme running time in minutes for Mops standard 60 °C programme with cold water connection | 61    |
| Programme running time in minutes for Mops standard 60 °C programme with hot water connection  | 55    |
| Residual moisture with cold rinse in %   | 53    |
| Residual moisture with hot rinse in %  | 49    |
| Residual moisture when processing cleaning cloths in %   | 25    |
| Spin speed in rpm  | 950   |
| g factor   | 361   |
| Tested operating hours   | 30000 |

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| <b>Control system</b>   |                                |
|---|--------------------------------|
| Control system  | M Touch Pro                    |
| Programmability   | 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                | •                              |
| <b>Standard/target grp programmes</b>                             |                                |
| Basic programmes  | •                              |
| <b>Dispensing</b>   |                                |
| Detergent drawer  | 3 compartments                 |
| Maximum number of connections for liquid dispenser pumps [number] | 12                             |
| Empty sensor  | •                              |
| <b>Standard electrical connection</b>                             |                                |
| Heating type  | Electric                       |
| Electrical connection   | 3N AC 400V 50HZ                |
| Heater rating in kW   | 15.00                          |
| Total connected load in kW  | 16.00                          |
| Fuse rating in A  | 25                             |
| <b>Possible voltage variant 1</b>                                 |                                |
| Electrical connection   | 3N AC 400V 60HZ                |
| Heater rating in kW   | 15.00                          |
| Total connected load in kW  | 16.00                          |
| Fuse rating in A  | 25                             |
| <b>Water connection/drainage</b>                                  |                                |
| Cold water [number]   | 3 x 1/2" hose w/ 3/4" union    |
| Hot water [number]  | 1x 1/2" hose w/ 3/4" th. union |
| Hard water (optional) [number]                                    | 2 x 1/2" w/ 3/4" union         |
| Dump valve  | DN 70                          |
| <b>Dimensions and weight</b>                                      |                                |
| External dimensions, height in mm                                 | 1450                           |
| External dimensions, width in mm                                  | 924                            |
| External dimensions, depth in mm                                  | 935                            |
| External dimensions, gross height in mm                           | 1585                           |
| External dimensions, gross width in mm                            | 1090                           |
| External dimensions, gross depth in mm                            | 1130                           |
| Net weight in kg  | 389.0                          |
| Gross weight in kg  | 409                            |
| Maximum floor load in N/m <sup>2</sup>                            | 5755                           |
| <b>Emissions data</b>   |                                |
| Emission sound pressure level in the workplace                    | 67 dB(A) re 20 µPa             |
| Heat dissipation into the room in MJ/h                            | 6.48                           |
| <b>Features</b>   |                                |
| Patented pre-spin   | •                              |
| Cloth reprocessing  | •                              |
| 3-dimensional imbalance monitoring                                | •                              |
| Disinfection rinse  | •                              |
| Efficient scoop-and-ladle ribs                                    | •                              |

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|  |     |
|--|-----|
| Spring-in-spring system                              | •   |
| Temperature monitoring                               | •   |
| Special heater element                               | •   |
| Automatic load control+                              | •   |
| Add laundry  | •   |
| Programme selection via colour frame                 | •   |
| Emergency switch-off                                 | •   |
| Machine-independent accessories                      | •   |
| <b>Efficiency and sustainability</b>                 |     |
| Recycling rate in %                                  | 92  |
| <b>Connection options</b>                            |     |
| Optical interface for service access                 | •   |
| Peak-load negotiation / energy management (optional) | •   |
| LAN  | •   |
| WiFi   | •   |
| Connector Box  | •   |
| <b>Capacities</b>                                    |     |
| Cloths, 22 g [number]                                | 455 |
| Cotton mops, 40 cm / 190 g [number]                  | 106 |
| Cotton mops, 50 cm / 220 g [number]                  | 91  |
| Microfibre mops, 40 cm / 120 g [number]              | 167 |
| Microfibre mops, 50 cm / 170 g [number]              | 117 |
| Mops, office, 100 g [quantity]                       | 200 |
| Mops, stairway, 150 g [quantity]                     | 133 |
| <b>Standards, test certificates and symbols</b>      |     |
| CE   | •   |
| VDE-EMC  | •   |
| VDE  | •   |
| Splash-proof safety rating IPX4                      | •   |
| UKCA   | •   |
| WEEE   | •   |
| Complies with Machinery Directive 2006/42/EC         | •   |