Miele

PWM 514 [EL DV DD] Professional washing machine, electric heating with detergent drawer, M Touch Pro.



- Drum volume 130 I, load size 14.0 kg
- 14 % less water consumption and 17 % less energy consumption^{*}
- 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: 4002516435860 / Material number: 11779660 / Old Material Number: 51514001GB

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	14.0
Load ratio	1:9
Load in kg	14.0
Drum volume in I	130
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 the hotel and catering industry	•
Suitable for retirement and care homes	•
Suitable for dry cleaners	•
Suitable for commercial laundries	•
Suitable for small businesses	•
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 the petrochemicals industry	•
Suitable for the food-processing industry	•
Suitable for amusement parks & holiday complexes	•
Performance data	
Tested virucidal efficacy	•
Proven hygiene	•
Specific water consumption for cold water connection in I/	7.80
kg	7.00
Specific energy consumption for cold water connection in	0.20
kWh/kg	
Specific water consumption for hot water connection in I/kg	7.20
Specific energy consumption for hot water connection in	0.07
kWh/kg	
Water consumption with cold water connection in I	109.2
Energy consumption with cold water connection in kW	2.80
Programme duration in minutes with cold water connection	56
Water consumption with hot water connection in I	100.8
Energy consumption with hot water connection in kW	0.98
Programme duration in minutes with cold water and hot water connection	49
Water consumption in ECO programme with cold water connection in I	99.4
Energy consumption in ECO programme with cold water	1.82

Based on the Coloured items 60 °C programme with a warm water connection, compared to predecessor.



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Programme duration in minutes with cold water connection in ECO programme	40
Water consumption in ECO programme with hot water connection in I	98.0
Energy consumption in ECO programme with hot water	0.42
Programme duration in minutes with cold water and hot	36
water connection in ECO programme	
Residual moisture with cold rinse in %	53
Residual moisture with hot rinse in %	49
Spin speed in rpm	1025
g factor	364
Tested operating hours	30000
Control system	
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	•
Standard/target grp programmes	
Basic programmes	•
Dispensing	
Detergent drawer	3 compartments
Maximum number of connections for liquid dispenser	12
pumps [number]	
Empty sensor	•
Standard electrical connection	
Heating type	Electric
Electrical connection	3N AC 400V 50HZ
	9.00
Heater rating in kW	-
Total connected load in kW	9.60
Total connected load in kW Fuse rating in A	-
Total connected load in kW Fuse rating in A Possible voltage variant 1	9.60 16
Total connected load in kW Fuse rating in A Possible voltage variant 1 Electrical connection	9.60 16 3N AC 400V 60HZ
Total connected load in kW Fuse rating in A Possible voltage variant 1 Electrical connection Heater rating in kW	9.60 16 3N AC 400V 60HZ 9.00
Total connected load in kW Fuse rating in A Possible voltage variant 1 Electrical connection Heater rating in kW Total connected load in kW	9.60 16 3N AC 400V 60HZ 9.00 9.60
Total connected load in kW Fuse rating in A Possible voltage variant 1 Electrical connection Heater rating in kW Total connected load in kW Fuse rating in A	9.60 16 3N AC 400V 60HZ 9.00
Total connected load in kW Fuse rating in A Possible voltage variant 1 Electrical connection Heater rating in kW Total connected load in kW Fuse rating in A Water connection/drainage	9.60 16 3N AC 400V 60HZ 9.00 9.60
Total connected load in kW Fuse rating in A Possible voltage variant 1 Electrical connection Heater rating in kW Total connected load in kW Fuse rating in A Water connection/drainage Cold water [number]	9.60 16 3N AC 400V 60HZ 9.00 9.60 16 3 x 1/2" hose w/ 3/4" union
Total connected load in kW Fuse rating in A Possible voltage variant 1 Electrical connection Heater rating in kW Total connected load in kW Fuse rating in A Water connection/drainage	9.60 16 3N AC 400V 60HZ 9.00 9.60 16 3 x 1/2" hose w/ 3/4" union 1x 1/2" hose w/ 3/4" th.
Total connected load in kW Fuse rating in A Possible voltage variant 1 Electrical connection Heater rating in kW Total connected load in kW Fuse rating in A Water connection/drainage Cold water [number] Hot water [number]	9.60 16 3N AC 400V 60HZ 9.00 9.60 16 3 x 1/2" hose w/ 3/4" union 1x 1/2" hose w/ 3/4" th. union
Total connected load in kW Fuse rating in A Possible voltage variant 1 Electrical connection Heater rating in kW Total connected load in kW Fuse rating in A Water connection/drainage Cold water [number] Hot water (optional) [number]	9.60 16 3N AC 400V 60HZ 9.00 9.60 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
Total connected load in kW Fuse rating in A Possible voltage variant 1 Electrical connection Heater rating in kW Total connected load in kW Fuse rating in A Water connection/drainage Cold water [number] Hot water (number] Hard water (optional) [number] Dump valve	9.60 16 3N AC 400V 60HZ 9.00 9.60 16 3 x 1/2" hose w/ 3/4" union 1x 1/2" hose w/ 3/4" th. union
Total connected load in kW Fuse rating in A Possible voltage variant 1 Electrical connection Heater rating in kW Total connected load in kW Fuse rating in A Water connection/drainage Cold water [number] Hot water [number] Hard water (optional) [number] Dump valve Dimensions and weight	9.60 16 3N AC 400V 60HZ 9.00 9.60 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
Total connected load in kW Fuse rating in A Possible voltage variant 1 Electrical connection Heater rating in kW Total connected load in kW Fuse rating in A Water connection/drainage Cold water [number] Hot water [number] Hard water (optional) [number] Dump valve Dimensions and weight External dimensions, height in mm	9.60 16 3N AC 400V 60HZ 9.00 9.60 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 1350
Total connected load in kW Fuse rating in A Possible voltage variant 1 Electrical connection Heater rating in kW Total connected load in kW Fuse rating in A Water connection/drainage Cold water [number] Hot water [number] Hard water (optional) [number] Dump valve Dimensions and weight External dimensions, width in mm	9.60 16 3N AC 400V 60HZ 9.00 9.60 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 1350 799
Total connected load in kW Fuse rating in A Possible voltage variant 1 Electrical connection Heater rating in kW Total connected load in kW Fuse rating in A Water connection/drainage Cold water [number] Hot water [number] Hard water (optional) [number] Dump valve Dimensions and weight External dimensions, width in mm External dimensions, depth in mm	9.60 16 3N AC 400V 60HZ 9.00 9.60 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 1350 799 995
Total connected load in kW Fuse rating in A Possible voltage variant 1 Electrical connection Heater rating in kW Total connected load in kW Fuse rating in A Water connection/drainage Cold water [number] Hot water [number] Hot water (optional) [number] Dump valve Dimensions and weight External dimensions, height in mm External dimensions, depth in mm External dimensions, gross height in mm	9.60 16 3N AC 400V 60HZ 9.00 9.60 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 1350 799 995 1480
Total connected load in kW Fuse rating in A Possible voltage variant 1 Electrical connection Heater rating in kW Total connected load in kW Fuse rating in A Water connection/drainage Cold water [number] Hot water [number] Hot water (optional) [number] Dump valve Dimensions and weight External dimensions, height in mm External dimensions, gross height in mm External dimensions, gross width in mm External dimensions, gross width in mm	9.60 16 3N AC 400V 60HZ 9.00 9.60 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 1350 799 995 1480 1090
Total connected load in kW Fuse rating in A Possible voltage variant 1 Electrical connection Heater rating in kW Total connected load in kW Fuse rating in A Water connection/drainage Cold water [number] Hot water [number] Hot water (optional) [number] Dump valve Dimensions and weight External dimensions, height in mm External dimensions, gross height in mm External dimensions, gross height in mm	9.60 16 3N AC 400V 60HZ 9.00 9.60 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 1350 799 995 1480



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Maximum floor load in N/m² 4453 Emissions data 67 dB(A) re 20 μPa Heat dissipation into the room in MJ/h 6.48 Features 3-dimensional imbalance monitoring • Disinfection rinse • Efficient scoop-and-ladle ribs • 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 • Efficiency and sustainability 91 Recycling rate in % 91 Connection options 91 Payment system (optional) • Optical interface for service access • Peak-load negotiation / energy management (optional) • LAN • WiFi • Connector Box • Capacities Synthetic duvets [number] 1 Synthetic pillows [number] 3 Standards, test certificates and symbols	Gross weight in kg	295
Emission sound pressure level in the workplace Heat dissipation into the room in MJ/h Features 3-dimensional imbalance monitoring Disinfection rinse Efficient scoop-and-ladle ribs 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 Efficiency and sustainability Recycling rate in % 91 Connection options Payment system (optional) Optical interface for service access Peak-load negotiation / energy management (optional) LAN WiFi Connector Box Capacities Synthetic cluvets [number] Down pillows [number] Down pillows [number] Synthetic pillows [number] Synthetic set certificates and symbols CE VDE Splash-proof safety rating IPX4 UKCA WEEE	Maximum floor load in N/m ²	4453
Heat dissipation into the room in MJ/h Features 3-dimensional imbalance monitoring Disinfection rinse Efficient scoop-and-ladle ribs 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 Efficiency and sustainability Recycling rate in % 91 Connection options Payment system (optional) Optical interface for service access Peak-load negotiation / energy management (optional) LAN WiFi Connector Box Capacities Synthetic duvets [number] Synthetic pillows [number] Down pillows [number] Down pillows [number] Standards, test certificates and symbols CE VDE Splash-proof safety rating IPX4 UKCA WEEE	Emissions data	
Section Sect	Emission sound pressure level in the workplace	67 dB(A) re 20 μPa
3-dimensional imbalance monitoring Disinfection rinse Efficient scoop-and-ladle ribs 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 Efficiency and sustainability Recycling rate in % 91 Connection options Payment system (optional) Optical interface for service access Peak-load negotiation / energy management (optional) LAN WiFi Connector Box Capacities Synthetic duvets [number] Synthetic pillows [number] Down pillows [number] Down pillows [number] Standards, test certificates and symbols CE VDE-EMC VDE Splash-proof safety rating IPX4 UKCA WEEE	Heat dissipation into the room in MJ/h	6.48
Disinfection rinse Efficient scoop-and-ladle ribs 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 Efficiency and sustainability Recycling rate in % Connection options Payment system (optional) Optical interface for service access Peak-load negotiation / energy management (optional) UAN WiFi Connector Box Capacities Synthetic duvets [number] Synthetic pillows [number] Down duvets [number] Down pillows [number] Standards, test certificates and symbols CE VDE-EMC VDE Splash-proof safety rating IPX4 UKCA WEEE	Features	
Disinfection rinse Efficient scoop-and-ladle ribs 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 Efficiency and sustainability Recycling rate in % Connection options Payment system (optional) Optical interface for service access Peak-load negotiation / energy management (optional) UAN WiFi Connector Box Capacities Synthetic duvets [number] Synthetic pillows [number] Down duvets [number] Down pillows [number] Standards, test certificates and symbols CE VDE-EMC VDE Splash-proof safety rating IPX4 UKCA WEEE	3-dimensional imbalance monitoring	•
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 Efficiency and sustainability Recycling rate in % Connection options Payment system (optional) Optical interface for service access Peak-load negotiation / energy management (optional) LAN WiFi Connector Box Capacities Synthetic duvets [number] Synthetic pillows [number] Down pillows [number] Down pillows [number] Standards, test certificates and symbols CE VDE-EMC VDE Splash-proof safety rating IPX4 UKCA WEEE		•
Temperature monitoring Special heater element Automatic load control+ Add laundry Programme selection via colour frame Emergency switch-off Machine-independent accessories Efficiency and sustainability Recycling rate in % Connection options Payment system (optional) Optical interface for service access Peak-load negotiation / energy management (optional) LAN WiFi Connector Box Capacities Synthetic duvets [number] Down duvets [number] Down pillows [number] Down pillows [number] Standards, test certificates and symbols CE VDE-EMC VDE Splash-proof safety rating IPX4 UKCA WEEE	Efficient scoop-and-ladle ribs	•
Special heater element Automatic load control+ Add laundry Programme selection via colour frame Emergency switch-off Machine-independent accessories Efficiency and sustainability Recycling rate in % Connection options Payment system (optional) Optical interface for service access Peak-load negotiation / energy management (optional) LAN WiFi Connector Box Capacities Synthetic duvets [number] Synthetic divets [number] Down pillows [number] Down pillows [number] Standards, test certificates and symbols CE VDE-EMC VDE Splash-proof safety rating IPX4 UKCA WEEE	Spring-in-spring system	•
Automatic load control+ Add laundry Programme selection via colour frame Emergency switch-off Machine-independent accessories Efficiency and sustainability Recycling rate in % Connection options Payment system (optional) Optical interface for service access Peak-load negotiation / energy management (optional) LAN WiFi Connector Box Capacities Synthetic duvets [number] Synthetic duvets [number] Down pillows [number] Down pillows [number] Standards, test certificates and symbols CE VDE-EMC VDE Splash-proof safety rating IPX4 UKCA WEEE	Temperature monitoring	•
Add laundry Programme selection via colour frame Emergency switch-off Machine-independent accessories Efficiency and sustainability Recycling rate in % Connection options Payment system (optional) Optical interface for service access Peak-load negotiation / energy management (optional) LAN WiFi Connector Box Capacities Synthetic duvets [number] Synthetic pillows [number] Down duvets [number] Down pillows [number] Standards, test certificates and symbols CE VDE-EMC VDE Splash-proof safety rating IPX4 UKCA WEEE	Special heater element	•
Programme selection via colour frame Emergency switch-off Machine-independent accessories Efficiency and sustainability Recycling rate in % Connection options Payment system (optional) Optical interface for service access Peak-load negotiation / energy management (optional) LAN WiFi Connector Box Capacities Synthetic duvets [number] Synthetic pillows [number] Down duvets [number] Down pillows [number] Standards, test certificates and symbols CE VDE-EMC VDE Splash-proof safety rating IPX4 UKCA WEEE	Automatic load control+	•
Emergency switch-off Machine-independent accessories Efficiency and sustainability Recycling rate in % Connection options Payment system (optional) Optical interface for service access Peak-load negotiation / energy management (optional) LAN WiFi Connector Box Capacities Synthetic duvets [number] Synthetic pillows [number] Down pillows [number] Down pillows [number] Standards, test certificates and symbols CE VDE-EMC VDE Splash-proof safety rating IPX4 UKCA WEEE	Add laundry	•
Machine-independent accessories Efficiency and sustainability Recycling rate in % Connection options Payment system (optional) Optical interface for service access Peak-load negotiation / energy management (optional) LAN WiFi Connector Box Capacities Synthetic duvets [number] Synthetic pillows [number] Down duvets [number] Down pillows [number] Standards, test certificates and symbols CE VDE-EMC VDE Splash-proof safety rating IPX4 UKCA WEEE	Programme selection via colour frame	•
Efficiency and sustainability Recycling rate in % 91 Connection options Payment system (optional) Optical interface for service access Peak-load negotiation / energy management (optional) LAN WiFi Connector Box Capacities Synthetic duvets [number] 1 Synthetic pillows [number] 3 Down duvets [number] 1 Down pillows [number] 3 Standards, test certificates and symbols CE VDE-EMC VDE Splash-proof safety rating IPX4 UKCA WEEE	Emergency switch-off	•
Recycling rate in % Connection options Payment system (optional) Optical interface for service access Peak-load negotiation / energy management (optional) LAN WiFi Connector Box Capacities Synthetic duvets [number] Synthetic pillows [number] Down duvets [number] Down pillows [number] Standards, test certificates and symbols CE VDE-EMC VDE Splash-proof safety rating IPX4 UKCA WEEE	Machine-independent accessories	•
Connection options Payment system (optional) Optical interface for service access Peak-load negotiation / energy management (optional) LAN WiFi Connector Box Capacities Synthetic duvets [number] Synthetic pillows [number] Down duvets [number] Down pillows [number] Standards, test certificates and symbols CE VDE-EMC VDE Splash-proof safety rating IPX4 UKCA WEEE	Efficiency and sustainability	
Payment system (optional) Optical interface for service access Peak-load negotiation / energy management (optional) LAN WiFi Connector Box Capacities Synthetic duvets [number] Synthetic pillows [number] Down duvets [number] Down pillows [number] 3 Standards, test certificates and symbols CE VDE-EMC VDE Splash-proof safety rating IPX4 UKCA WEEE	Recycling rate in %	91
Optical interface for service access Peak-load negotiation / energy management (optional) LAN WiFi Connector Box Capacities Synthetic duvets [number] Synthetic pillows [number] Down duvets [number] Down pillows [number] Standards, test certificates and symbols CE VDE-EMC VDE Splash-proof safety rating IPX4 UKCA WEEE	Connection options	
Peak-load negotiation / energy management (optional) LAN WiFi Connector Box Capacities Synthetic duvets [number] Synthetic pillows [number] Down duvets [number] Down pillows [number] Standards, test certificates and symbols CE VDE-EMC VDE Splash-proof safety rating IPX4 UKCA WEEE	Payment system (optional)	•
LAN WiFi Connector Box Capacities Synthetic duvets [number] Synthetic pillows [number] Down duvets [number] Down pillows [number] Standards, test certificates and symbols CE VDE-EMC VDE Splash-proof safety rating IPX4 UKCA WEEE	Optical interface for service access	•
WiFi Connector Box Capacities Synthetic duvets [number] Synthetic pillows [number] Down duvets [number] Down pillows [number] Standards, test certificates and symbols CE VDE-EMC VDE Splash-proof safety rating IPX4 UKCA WEEE	Peak-load negotiation / energy management (optional)	•
Connector Box Capacities Synthetic duvets [number] 1 Synthetic pillows [number] 3 Down duvets [number] 1 Down pillows [number] 3 Standards, test certificates and symbols CE	LAN	•
Capacities 1 Synthetic duvets [number] 1 Synthetic pillows [number] 3 Down duvets [number] 1 Down pillows [number] 3 Standards, test certificates and symbols CE VDE-EMC • VDE • Splash-proof safety rating IPX4 • UKCA • WEEE •	WiFi	•
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Synthetic pillows [number] 3 Down duvets [number] 1 Down pillows [number] 3 Standards, test certificates and symbols • CE • VDE-EMC • VDE • Splash-proof safety rating IPX4 • UKCA • WEEE •	Capacities	
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Down pillows [number] 3 Standards, test certificates and symbols CE VDE-EMC VDE Splash-proof safety rating IPX4 UKCA WEEE	Synthetic pillows [number]	3
Standards, test certificates and symbols CE VDE-EMC VDE Splash-proof safety rating IPX4 UKCA WEEE	Down duvets [number]	1
CE • VDE-EMC • VDE • Splash-proof safety rating IPX4 • UKCA • WEEE •	Down pillows [number]	3
VDE-EMC VDE Splash-proof safety rating IPX4 UKCA WEEE •	Standards, test certificates and symbols	
VDE Splash-proof safety rating IPX4 UKCA WEEE • • • • • • • • • • • •	CE	•
Splash-proof safety rating IPX4 UKCA WEEE •	VDE-EMC	•
UKCA • WEEE •	VDE	•
WEEE •	Splash-proof safety rating IPX4	•
	UKCA	•
Complies with Machinery Directive 2006/42/EC •	WEEE	•
	Complies with Machinery Directive 2006/42/EC	•