

TECBOT M1 Specifications

Product Name		TECBOT M1 Sweeping and Mopping Robot
Product Photo		

Functional module	Function name	Function description
Robot Information	Product Size	350 x 350 x118mm
	Product Weight	4.5Kg
Intelligent System	Navigation System	LDS laser global planning navigation
	Mapping and positioning algorithm	Autonomous vehicle-level SLAM algorithm
	route plan	Dynamic path planning
	Partition mode	Intelligent room partition
	Recharge	Intelligent automatic recharge
	Resume scan at breakpoint	Automatically return to the breakpoint to continue cleaning
	Intelligent voice linkage	Smart Xiaodu, other smart devices
Cleaning System	Carpet cleaning	Automatically recognize carpet
	Cleaning mode	Integrated sweeping & mopping, sweeping front and mopping rear, self-rinse mop, sewage recycling
	Suction rating	4000Pa (strong mode) / 2480Pa (Standard) /1600Pa (Quite)
	Fan type	Brushless motor speed 30,000 revolutions per minute
	Air duct design	Active noise reduction streamlined air duct
	Main roller brush	Removable roller fine-bristle main brush
	Side brush	Anti-wrapped wire, hair design
	Dust box capacity	500ml, removable and washable
	Mop type	Removable cotton mop roller
	Clean water tank capacity	420ml, removable and washable
	Wastewater tank capacity	320ml, removable and washable
Mop cleaning	Automatic cleaning mop, automatic recovery of cleaning sewage	

Performance Indicators	Number of sensors	12 types of sensors
	Obstacle crossing ability	Obstacles over 19mm in sweeping and mopping modes
	Travel speed	Edge mode 20cm/s, normal cleaning mode 35cm/s
	Battery capacity	5200MAH ternary material high energy density lithium battery
	Power	Charging dock rated input: 100-240V 1A, output: 19V 1A; Robot rated power: 36W
	Cleaning time per charge	120 minutes in standard mode
	Cleaning area per charge	150 square meters room area in standard mode
	Wet mopping time per charge	150 minutes in single drag and no sweep mode
	Wet mopping area per charge	120 square meters in single drag and no sweep mode
	Scan, drag time per charge	150 minutes in sweep and drag mode
	Wet mopping area per charge	Sweep and drag integrated mode 160 square meters
Noise index	68db in standard mode	
APP extension function	Map save	Whole house map memory / up to 5maps could be saved
	Forbidden zone setting	Support multiple software virtual walls and restricted areas
	Constituency cleaning	Designated single/multiple room cleaning
	Timed selection cleaning	Support regular cleaning of designated rooms
	Regular cleaning	Support the cleaning of the whole house at a specified time
	Firmware upgrade	OTA continues to upgrade online
	Voice package	Up to 8 languages (could be customized)

Designed Details	Removable washing mopping roller	Main brush width coarse fiber cotton mop roller
	Middle sweeping roller anti-entanglement hair	Anti-wrap hair design
	Whole machine structure	Modular design
	Filter cleaning method	E11 level washable filter
	Side brush anti-wrapping wires and hair	Anti-wrapped wires, improve user experience
	Charging stand	Anti-collision and stable design
	Automatic lifting of mop roller	The mop roller is automatically raised & lowered, while floor can be mopped without affecting obstacles.
	Automatic washing mop	Automatically wash mop to improve user experience
	Sewage recycling	Automatic sewage recycling to improve user experience
Component and Crafts	Negative pressure fan	Brushless motor, 30000 rpm
	Wind impeller	Aluminum alloy, diameter 61mm, dynamic balance 20 mg
	Drive motor	Taiwan Youmao Motor
	Gyro	Epson
	CPU	4-core smart hardware CPU
	Edge sensor	Japan Kodenshi edge sensor
	Water pump	Brushless motor water pump
	battery	lithium ion battery
	Bristles	American special nylon bristles
	Main brush	German Covestro main brush soft glue
	Tires	German Covestro wear-resistant tire surface
Guarantee and Warranty	Certifications	CCC, CE, FCC, ROHS, PSE, PSC, TELEC
	Warranty period	1 year

Packaging Details

20GP:715set, **40HQ:** 1725sets

Each in Gift box and then Master carton, CTN Size:52*48*18cm, G.W.: 6.9kg, N.W.: 4.5kg

Note:

Specifications are for reference only & subject to change without notice.