

NEXARO

NR 1700 SPECIFICATIONS

Weight, robot vacuum cleaner	6.5 kg
Dimensions, robot vacuum cleaner	346 × 344 × 173 mm
Weight, docking station	1.5 kg
Dimensions, docking station	410 × 360 × 200 mm
Speed	max. 0.3 m/s
Warning light	yes
Automatic recharging	yes
Operating voltage, docking station	100–240 V
Standby power consumption	max. 2 W
Motor technology	maintenance-free, brushless motors for blower and drive trains
Flow volume (blower)	max. 21.4 l/s
Flow volume (nozzle)	max. 12 l/s
Emission sound pressure	Eco Mode: 49 dB (A) ¹ Balanced Mode: 57 dB (A) ¹ Performance Mode: 57 dB (A) ¹
Dust bin volume	1.4 l with suction opening
Cleaning modes	3 (Eco, Balanced, Performance)
Cleaning speed	max. 100 m ² /h ²
Cleaning width	280 mm
Cleaning area	Max. 1,000 m ² ^{2,3}
Free, open areas without typical large objects max.	12 m × 12 m
Runtime	250 min. Eco cleaning mode ⁴ 110 min. Balanced cleaning mode ⁴ 105 min. Performance cleaning mode ⁴
Mapping technology	AI mapping
Mapping speed	max. 600 m ² /h ²
Filter	HEPA H13, washable
Filter area	530 cm ²
Fragrance chip	yes (optional accessory)
Batteries	2 × lithium-ion 14.68 V, ~ 75 Wh
Charging time (15%–85%)	~ 95 min.
Charging time (15%–95%)	~ 120 min.
Software	Nexaro HUB
Connectivity	2G/LTE-M mobile connection, global roaming ⁵
Sensors	laser distance sensor (LDS), bumper sensor, 8 drop sensors, 2 magnetic field sensors, wall-following sensor, incremental sensors, inertial measurement unit (IMU), and more

✓ Highly versatile

Intuitive to operate, equipped with smart sensors and efficient suction technology. Flexible application possibilities including showrooms, lobbies, and open-plan offices.

✓ Precise

Its powerful, long-range laser distance sensor enables a precisely navigation for complex spatial layouts.

✓ Intelligent

With AI-supported mapping and an integrated mobile connection for optimal networking.

✓ Robust

With its robust design, durable side brush, and user-friendly docking station, the Nexaro NR 1700 meets the high demands of commercial cleaning.

✓ Thorough

Deep-cleans and ensures optimal air quality with its washable HEPA air filter. And the 1.4-liter dustbin allows long use without interruption.

✓ Safe

Fulfills the latest international standard IEC 63327 and the requirements of Machinery Directive 2006/42/EC – with certification from TÜV SÜD.

✓ Scaleable

In combination with the Nexaro HUB Pro.Multi license, it is ideal for coordinated cleaning in a fleet.



¹ Measured on carpet. | ² Depending on floor plan, furnishings, flooring, and soiling. | ³ Maximum distance to the docking station 35 m and maximum free area without characteristic objects 12 × 12 m. | ⁴ Measured on hard floor. | ⁵ All Nexaro HUB licenses include mobile connection costs. | No responsibility is taken for the correctness of this information. We reserve the right to make changes to product specifications.

NEXARO HUB

✓ Dashboard

Keep an eye on the status of your fleet via the dashboard — including actual values for cleaning, assigned areas, and operating times as well as open and completed tasks of the robot vacuum cleaners. And the most important functions are always just a tap away as direct links.

✓ Multi-floor cleaning

Allows the use of one robot vacuum cleaner for cleaning an entire building.

✓ Customer Management

Manage and organize the location of each individual robot vacuum cleaner in a clear customer structure.

✓ Fleet Management

Manage and organize your entire robot fleet.

✓ User Management

Create user accounts and define the rights for your employees.

✓ Cleaning report

Document the performance of your robot fleet with cleaning reports.

✓ AI-supported creation of no-go zones

The Nexaro HUB uses AI to analyze your main map, automatically detecting problem areas and creating precise no-go zones.

✓ Task list

Use automated task creation for cleaners to ensure optimal operation of the fleet at all times.

✓ Setup Guide

You will be guided through the setup process step by step.

✓ Map-based Cleaning

Configure automated cleaning with no-go zones and cleaning zones to suit your needs.

✓ Backup und restore function

Assign your robot to an existing cleaning area without configuring it.

✓ Work Scheduler

Schedule and prioritize automated cleaning: start and end times as well as cleaning days, modes and zones.

✓ Optimized Zone Editor

Design no-go zones with flexibility: Draw any area directly to customize cleaning to your individual needs.

✓ Live Mapping with progress preview

Follow your robot's mapping progress in real-time with regular updates, current robot tracking, and flexible on-demand control.

