



Duomatic Impulse
An uncompromising approach to hygiene



wetrok[®]

Duomatic Impulse: makes a brilliant impression in sensitive areas

The Duomatic Impulse was specially designed for use healthcare areas such as hospitals and retirement homes, those environments with the highest standards of hygiene. It is especially easy to clean and always keep in perfect hygienic condition. It helps fight germs with rigorous treatment methods: The twin tank system ensures easy cleaning and thus prevents contamination of the water, and in addition, the HEPA filter also prevents cross-contamination through exhaust air. What's more, the Duomatic Impulse is discreetly quiet in operation, just as it should be in sensitive environments.



Touch the screen and you're ready to go: comfortable touch display

Large, coloured, clear overview. Only six control buttons are required; the machine is ready to operate in a flash. They manage the water volume, brush pressure and dosage, and monitor the load status of the battery. You can also switch to ECO mode and benefit from numerous additional functions.



Everything under easy control: ergonomically-designed upright handle

You always work in the optimal position, as the upright handle can be adjusted even during operation. Thanks to a parallelogram, the display always remains in perfectly clear view. The upright handle saves space in the storage room.



No chance for germs: integrated HEPA filter

The easy-to-replace HEPA filter (High-Efficiency Particulate Arrestance) cleans the exhaust, thus preventing germs from spreading. The air exits between the tanks in order to prevent the stirring up of dust on the ground.



Your feet stay dry during cleaning: the suction nozzle with Power-Whirl

No sooner is cleaning complete, the floor is dry: Wetrok's patented innovative Power-Whirl is the key. The suction nozzle produces an optimal suction whirl, which dries moisture on the ground immediately without a trace, whilst simultaneously reducing power consumption.



See the Wetrok Duomatic Impulse in action for yourself.



Watch film



**Not too much, not too little:
correctly dosed, the easy way**

The automatic dosage system ensures the correct proportion of water and chemicals. The pleasing result is a clean floor without streaks. You'll also be delighted about saving money and protecting the environment from unnecessary chemical usage.



**Fast cleaning:
twin tank system**

Both tanks of the Duomatic Impulse are especially easy to access, allowing them to be thoroughly rinsed and easily cleaned. As no standing water remains in the machine, there is no contamination.



**Short charging times:
lithium iron phosphate batteries**

The Duomatic Impulse draw their power from lithium iron phosphate batteries, which provide for consistently high performance.

Wetrok lithium batteries are built for a long machine life (batteries are not included in delivery).



**Easy and ergonomic: brush handling
at the push of a button**

With the Duomatic Impulse, the brushes can be attached at the push of a button and ejected after cleaning is complete. It doesn't get any easier than this. And never again will you have to get your hands dirty with used pads or brushes.

Duomatic Impulse: with the highest hygiene standards in cleaning

- **Twin tank system:** easy to access, easy to clean
- **Integrated HEPA filter:** Rules out cross-contamination through exhaust air
- **Suction bar with Wetrok Power-Whirl:** for dry floors immediately
- **Large colour display:** ready to go in a flash, and everything is always under control
- **Movable upright handle:** also adjustable when in motion, for a constant clear view to the display
- **High-quality lithium batteries:** high-performance and as durable as the machine



Model	Duomatic Impulse 50/60		Duomatic Impulse Dosing 50/60	
	Standard	SL	Standard	SL
Basic Version				
Internal charger	•	•	•	•
Suction nozzles, complete	•	•	•	•
Brush housing	•	•	•	•
Impulse HEPA filter	•	•	•	•
Impulse pre-filter	•	•	•	•
Dosage system, complete			•	•

Optional Extras

Safety light (SL)		•		•
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Technical Data

Theoretical area coverage	2500/3000 m ² /h		
Working width	50/60 cm		
Total length	133/137 cm		
Total width	56.5/67.5 cm		
Suction width	79/89 cm		
Total height	118 cm		
Max. weight (incl. batteries)	186 kg		
Fresh water tank	30 l		
Number of brushes	2 pcs		
Brush pressure	43 kg (up to 0.63 N/cm ²)		
Brush speed	200 U/min		
Brush motor output	2 x 300 W		
Speed forwards	5 km/h		
Speed reverse	2.5 km/h		
Max. gradability	8%		
Min. Turning circle	135 cm		
Suction turbine output	460 W		
Drive type	Drive motor		
Total power	900 W		
Noise level	63 dB(A)		
Dosage	-		0.5–5.0 %

Battery

	Standard operation	ECO mode
Battery life 41.6 Ah (Li) ¹⁾	up to 1 h	up to 1.5 h
Battery life 76 Ah (lead)	up to 1 h	up to 1.5 h
Battery life 83.2 Ah (Li)	up to 2 h	up to 3 h
Battery life 105 Ah (lead)	up to 1.5 h	up to 2 h
Battery life 124.8 Ah (Li)	up to 3 h	up to 4.5 h
Battery life 166.4 Ah (Li)	up to 4 h	up to 6 h

1) Reduced brush pressure for surfaces with pronounced structure or inclines >2%



www.wetrok.com

Wetrok AG Steinackerstrasse 62, 8302 Kloten, Switzerland, Tel. +41 43 255 51 51, Fax +41 43 255 53 79

Wetrok Austria GmbH Deutschstrasse 19, A-1230 Vienna, Tel. 0800 20 48 68, Fax 0800 20 48 78

Wetrok GmbH Maybachstrasse 35, 51381 Leverkusen, Germany Tel. +49 2171 398-0, Fax +49 2171 398-100

Wetrok Polska S.A. ul. Łączyny 4, PL-02-820 Warsaw, Poland Tel. +48 22 331 20 50, Fax +48 22 331 20 60

Wetrok AB Bergkällavägen 32, 192 79 Sollentuna, Sweden Tel. +46 8 444 34 00, Fax +46 8 444 34 01

