



NOVO MINI

V.7



Novo Mini is the new display system that improves the function of Monark's manually ergometers. It works simple with modern technology. Novo Mini has support for wireless connection through ANT+ and Bluetooth. This yields new possibilities no matter what third part unit the user wants to connect to. Novo Mini makes it easy for the user in science, education, training, rehabilitation, and VO₂ max tests etc

FACTS

Novo Mini V.7

An ergometer that provides the exact measurement is a must for anyone that spends a lot of time with their training bicycle. With a trust and knowledge that the ergometer will provide the same reliable results once again is incredible valuable.

With the new updated version of the Novo Mini you are fully connected to any third part device, which means you can use the Monark with your favorite application* V. 7 has both ANT+ and BLE that allows you to choose any Android, IOS or other devices like Apple TV for you connection. Novo Mini v.7 has support for both the FE-C and FTMS protocols (Fitness Equipment Controls for ANT+ and Fitness Machine Service for BLE). The display works manually which means Novo Mini will send information but it cannot be controlled by third part. The Novo Mini shows Watt, heart rate, cadence and resistance in kP etc.

*It requires that the application talks through either the FE-C or FTMS protocol to make the communication work.

In V. 7, the greatest news as a cyclist is that the Novo Mini adapts to the power measurement and gives a real PEAK effect. This new setting takes into account both the acceleration of the flywheel* and the effect that the resistance generates. The result of this is a realistic cycle experience with the possibility to follow through outbreaks and to perform sprints. This allows Monark cyclists to join the digital world and being able to compete.

In V. 7 there is a possibility to choose if the power output will be measured from the cranc (as a common bicycle) or at the flywheel (Monark produced watt for science purpose). This setting is called the cycle constant and can now be changed through a program that can be downloaded from the Monark website.

*Calculations on the acceleration of the flywheel already exists on earlier Monark ergometer for anaerobic tests. These calculations has scientific support and is based on the law of Inertia where a certain torque is required to increase the rotation of the flywheel. This calculation is used e.g. at a sprint to further increase the rotation of the flywheel. Therefore, the effect will be higher as more energy is required to create an increased acceleration of the flywheel.



HEARTRATE

Equipped to measure heartrate via chestbelt, only ANT+.



ANT+

Support for the FE-C protocol (Fitness Equipment Controls) which means communication to third part.



BLE

Support for the FTMS protocol (Fitness Machine Service) which means communication to third part.

Novo Mini is now available as a standard display on the following models:

- 828
- LC2
- LT2

