

Technical data sheet S4.0

Specification Sensors

Dimensions in mm

Total:

Total:

H: 10

W (no ArmR): 25

D: 35

Packaging data

Weight: kg 0,01

Volume: m³ 0,003



Basic equipment

Benefit

Plastic parts

Dyed, black.

Guarantee of colour fastness, neutral appearance.

Conformity of circuit board

Adheres to RoHS guidelines.

Minimises environmental contamination by problematic substances (e.g. lead, mercury, cadmium).

Compatibility

All current Interstuhl swivel chairs (apart from XXXL) and swivel chairs from other manufacturers that use synchronous mechanisms.

All Interstuhl swivel chairs (apart from XXXL) can be equipped with the sensor ex-works or at a subsequent date. S4.0 can also be used with swivel chairs from other manufacturers that have synchronous mechanisms.

PC operating systems

Windows (7, 10 and above), Mac (10.10 and above)

Workplaces with Mac/PC systems do not require a mobile (or personal, as the case may be) end device, meaning that these working environments that typically result in the longest amount of time spent sitting are automatically catered for.

Sensor type

Accelerometer

All the necessary measurements can be collected by the sensor, which avoids the use of oversized hardware.

Signal type

ANT

The extremely low power consumption required to send and receive signals allows for a long battery life.

Conformity/radio frequency

Valid in the EU, USA, Australia/New Zealand and Canada (certified).

Causes no issues with export, guarantees a secure radio frequency in a wide range of countries.

Transmission frequency

Every four seconds

Maximum performance at minimal power consumption, optimal battery life.

Battery life

At least six months

No constant charging required.

Battery type

CR1632

The use of a commercially available button battery ensures a simple post-sale replenishment that can easily be shipped via air.

Calibration

The sensor is calibrated to the personal sitting habits of its user.

Generalisations are avoided and individual biofeedback is guaranteed.

Ergonomic fundamental concept

The ergonomically correct seating arrangement forms the basis of all measurements.

The user-specific configuration of an office chair guarantees the ergonomic added value of an Interstuhl product.

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History	The data that is recorded can not only be viewed in real time, but also as a trend over an extended period.	This way, actual improvement can be clearly tracked and viewed as a progression over time.
Movement	Thanks to its prompts, the application motivates the user to take up a more active seating position.	Increased changes in seating position and phases of conscious movement help to prevent the risks associated with a sedentary lifestyle.
Push notifications	Push notifications remind the user regularly about their sitting habits and their personal goal.	The push notifications minimise interaction with the application, meaning that it can run entirely in the background without having a negative impact on the working process.

Disassembly instructions are available upon request for any interstuhl product