

interstuhl



/ PURE<sup>IS3</sup>

ENJOY SEATING PERFORMANCE.







**PURE<sup>IS3</sup>**  
**READY. SIT. GO!**

PURE<sup>IS3</sup> sets all-new standards for active, intuitive and flexible sitting.

It is the revolutionary alternative to the traditional office chair. PURE<sup>IS3</sup> replaces conventional mechanisms with innovative materials. No more adjustments – the intelligent Smart Spring technology ensures that the PURE<sup>IS3</sup> adjusts perfectly to every user without any effort on their part.

With the PURE<sup>IS3</sup>, sitting is freedom. It not only allows movement in all directions, but also ensures that the sitter is constantly in motion.

Forget everything you've ever known about chairs: PURE<sup>IS3</sup> guarantees a sitting experience like no other – for the working world of tomorrow that is already part of our lives today.

Take a seat: Ready. Sit. Go!



**PURE  
MOVEMENT**





## SITTING REINVENTED

PURE<sup>IS3</sup> is designed for sitting and made for movement. Unlike any other chair, PURE<sup>IS3</sup> has been developed entirely with active people in mind. This approach has required a complete reinvention of the “office chair”.

PURE<sup>IS3</sup> adjusts to the user, their body and movements without requiring them to make time-consuming adjustments. Complicated and heavy mechanisms are no longer required. PURE<sup>IS3</sup> not only allows a wide range of movement but also ensures that the user stays comfortable, active and sufficiently supported at all times.

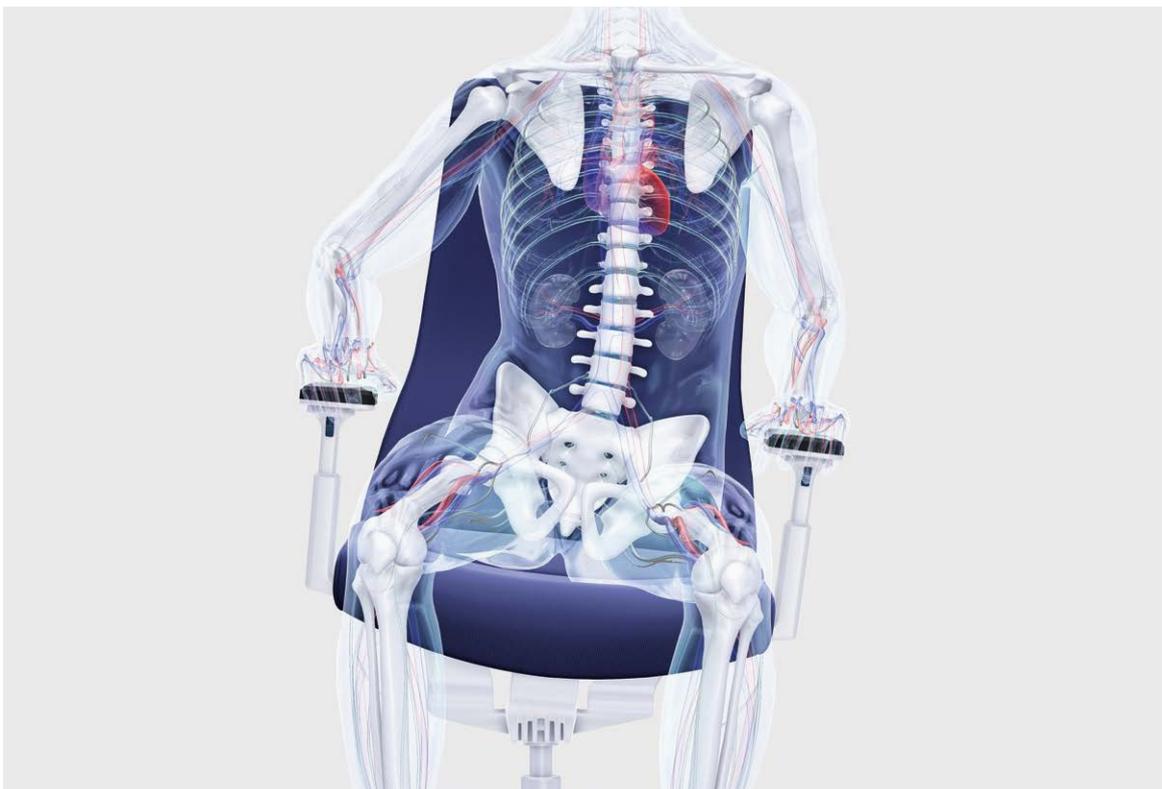
This is all made possible by an innovation that has never been seen before: Smart Spring technology. The core component – the “Smart Spring” – is made using a special polyamide/glass fibre compound. It enables the PURE<sup>IS3</sup> to dynamically adjust to the user’s body, weight and movement. The Smart Spring not only defines the visual appearance of the PURE<sup>IS3</sup>; it also supports the whole chair and allows for impressive movement radii – including in directions that are impossible on other chairs. With no further need for adjustment, this enables true three-dimensional sitting – for anyone, anywhere. In addition, the PURE<sup>IS3</sup> also boasts an innovative “Smart Seat”. This combines comfort, posture and complete three-dimensional mobility.



## MOVEMENT IS KEY



Long periods of static sitting can be hugely detrimental to your health. Research, however, – studies conducted by the Fraunhofer IAO and the University of Tübingen in particular – suggests that just two hours of moderate physical activity per day are enough to offset the negative effects of a sedentary lifestyle. For many years, Interstuhl has collaborated with the Fraunhofer IAO to turn scientific findings into practical solutions. The purpose of the PURE<sup>IS3</sup> is to enable as much of this required daily exercise as possible to be carried out while seated. PURE<sup>IS3</sup> ensures active and dynamic sitting at all times.





## OUTSTANDING MOBILITY

The amount of mobility possible with the PURE<sup>IS3</sup> was researched in a biomechanical study conducted by the ETH University of Science and Technology in Zurich. The study showed that PURE<sup>IS3</sup> offers new levels of material flexibility in the upper backrest of up to 22 degrees to each side, an opening angle of up to 38 degrees in the backrest, and a lateral range of movement of up to 26 degrees on the seat. The Smart Seat can also follow forward movements of up to 12 degrees.

These values are impressive, and PURE<sup>IS3</sup> has been proven to keep its promise of maximum mobility for optimum health benefits. This makes PURE<sup>IS3</sup> the lead product in Interstuhl's active sitting solutions. But the most convincing way to experience PURE<sup>IS3</sup> is by taking a seat yourself and enjoying a sitting experience like no other.



## THREE FACTORS WITH HEALTH BENEFITS

PURE<sup>IS3</sup> effectively promotes the health of the user in three ways:

**Activation** – PURE<sup>IS3</sup> ensures that sitting is never static. Frequent posture changes keep muscles active, and legs, hips and spine are mobilised too.

**Freedom** – PURE<sup>IS3</sup> guarantees that the user is never forced into an uncomfortable posture. This prevents blockages in the blood flow and encourages circulation. At the same time, PURE<sup>IS3</sup> does not hinder the user when they have the urge to move.

**Comfort** – PURE<sup>IS3</sup> guarantees constant and firm support in all movements. And because the ergonomics of a chair can only work properly if it is correctly adjusted, PURE<sup>IS3</sup> does this for you – completely automatically.

It is not the chair that promotes health but the movement it provides. PURE<sup>IS3</sup> does everything to ensure that the user is relieved of strain and stays active.



## DIGITAL COACH FOR ACTIVE SITTING

“Active sitting” means regular, balanced movement; the innovative S 4.0 sensor solution provides the digital stimulus. The application, which was developed in collaboration with Garmin, analyses the user’s individual sitting habits and actively helps them to improve the way they sit. The sensor can be fitted to the PURE<sup>IS3</sup> using a small holder, and demonstrates the highly innovative nature of the chair: the Smart Spring and Smart Seat automatically ensure that sitting habits are active and healthy. They are complemented by the application’s prompts to change posture and its instructions for office workouts.

For more information on S 4.0, visit [INTERSTUHL.COM/S4.0](https://www.interstuhl.com/S4.0)





**PURE  
FLEXIBILITY**



Celebrating 50 Years  
of the Optical Disc  
(1988-2018)

GRAND STAND 3  
Design for People and Brands  
HAY



## FOR ANYONE LOOKING FOR FLEXIBLE SOLUTIONS

Office spaces are becoming increasingly multifunctional areas. The PURE<sup>IS3</sup> is as flexible as everyday working life. It can be effortlessly moved from room to room thanks to its innovative materials, eliminating the need for heavy mechanisms and resulting in a surprisingly light chair. The PURE<sup>IS3</sup> goes wherever it is needed, and is ready for anyone to use in an instant.

What's on today's agenda? A team meeting, followed by meetings with customers, then focussed desk work? PURE<sup>IS3</sup> is the right solution in every situation. Its intelligent design makes it a flexible partner in the modern working world, thanks to its ability to adjust to every user. Suitable for employees, customers and visitors, it never ceases to amaze: every PURE<sup>IS3</sup> feels right from the outset. The innovative Smart Spring technology adapts to every user, encouraging active sitting and enabling the occupant to use the PURE<sup>IS3</sup> intuitively – thus making it their very own PURE<sup>IS3</sup>.





**PURE  
SIMPLICITY**





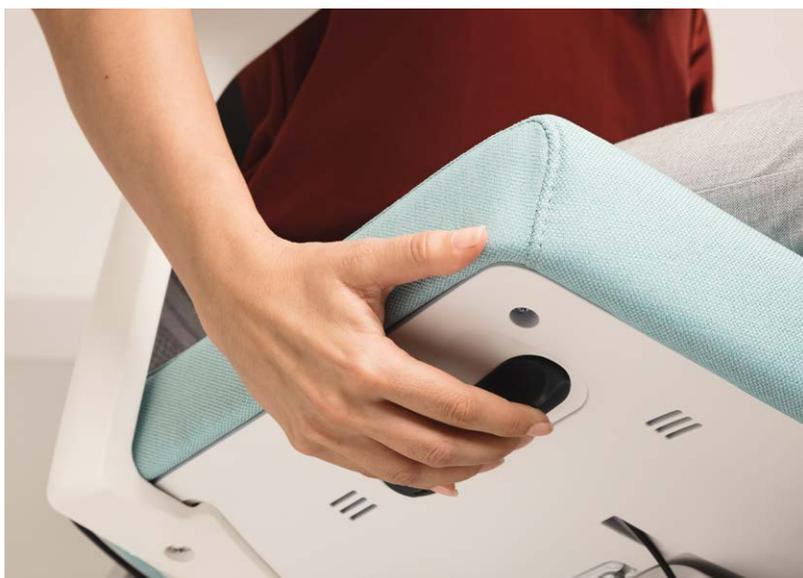




## MODERN, CLEAN-CUT, FUNCTIONAL

What makes the PURE<sup>IS3</sup> so extraordinary? Its boldness to focus on what's most important. Its design is defined by one core component: the Smart Spring. It cuts a striking curve from the backrest down to the chair column. The transparent membranes in the backrest showcase the inner workings of the chair. This gives the PURE<sup>IS3</sup> an appearance that is defined by lightness and ease. The design of the chair column is just as clean-cut: the Smart Spring and chair column are available in either all-white or all-black. Thanks to the harmony in its colour scheme, the PURE<sup>IS3</sup> blends into every space perfectly. A variety of mesh colours and a wide selection of upholstery materials and colours are available for an individual look.

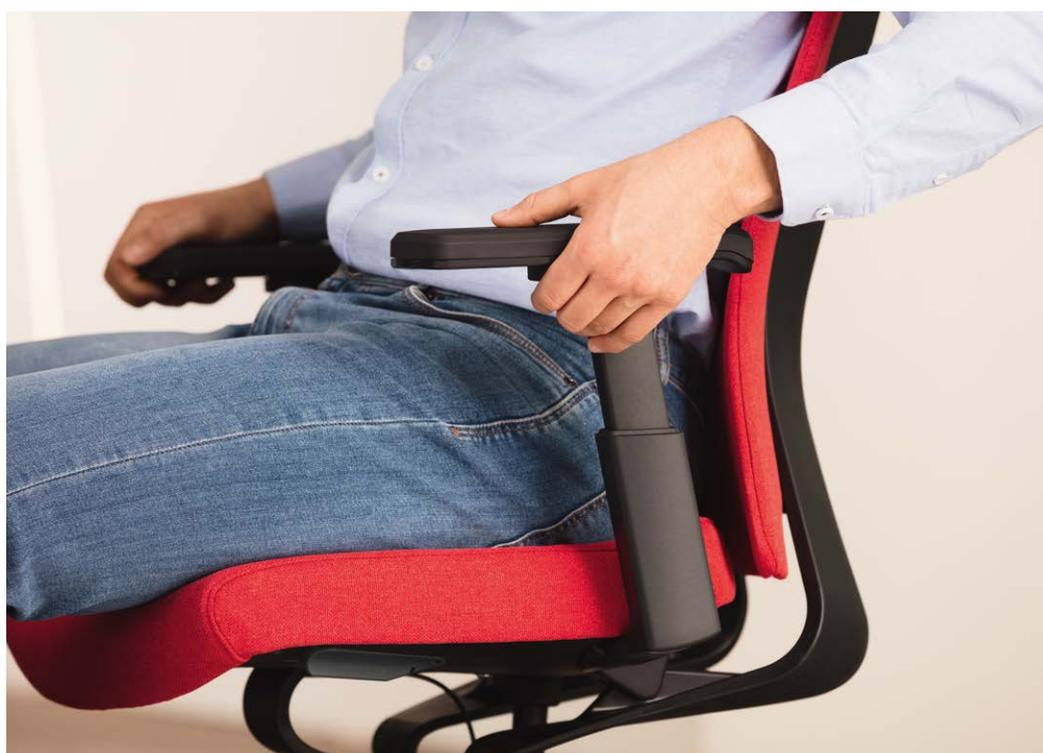
PURE<sup>IS3</sup> impresses with its functional design. It makes a visual statement: modern, clean-cut, functional.



One simple hand movement is enough to set the seat at the right height – no other adjustments are needed.

## INTUITIVE OPERATION

The PURE<sup>IS3</sup> completely takes care of optimal seat adjustment all by itself. Its responsive material actively adapts to the user, to their weight, size, proportions and movements. This is made possible by an innovative combination of polyamide and glass fibres. Only the seat height needs adjusting. Additionally, the 3D movement radius can be temporarily restricted for focussed work. PURE<sup>IS3</sup> – Ready. Sit. Go!



Slim, fixed T-armrests and functional 3D T-armrests are available.



The Smart Spring technology intuitively adapts the chair to the sitter.

## SMART SEAT

Sitting on a PURE<sup>IS3</sup> is always a tailor-made experience, thanks to intelligent material in the Smart Seat of the PURE<sup>IS3</sup>, which adapts to each user. The result: a particularly comfortable sitting experience on a seat that follows even the smallest movements while securely accommodating the user.

# PURE<sup>IS3</sup> PRODUCT OVERVIEW

PURE<sup>IS3</sup> fits perfectly into any environment. Its clean-cut design and the large choice of colours and materials leave you free to customise your chair. The collection offers four swivel chair models: a mesh or upholstered backrest in either white or black. A variety of materials and colours are available to choose from. The Smart Spring, chair column and optional armrests are available in either all-white or all-black for all models. Choose between fixed T-armrests or 3D T-armrests; the fixed T-armrest impresses with its slim design, while the 3D T-armrest is exceptionally functional and height-, width- and depth-adjustable.



Swivel chair,  
upholstered backrest



Swivel chair,  
mesh-covered backrest

			PU113	PU213
Total height			1120 mm	1120 mm
Mesh covering		Black/colour	-	•
Colour finish <sup>1</sup>	Plastic parts	Black	•	•
		White	◦	◦
Base		Same colour as plastic parts	•	•
Functions	S 4.0 sensor		◦	◦
Armrests	Fixed T-armrests, soft	Same colour as plastic parts	•	•
	3D T-armrests, width-, height- and depth-adjustable, soft	Same colour as plastic parts	◦	◦
Castors	Hard/soft double castors	Black	•/◦	•/◦
Glides	Hard/soft	Same colour as plastic parts	◦/◦	◦/◦

• As standard   ◦ Optional   - Not available



Fixed T-armrest, white



Fixed T-armrest, black



3D T-armrest, white



3D T-armrest, black

**Note:**

<sup>1</sup> Colour finish:  
Black design: All plastic parts and Smart Spring including backrest inlay.  
White design: All plastic parts and Smart Spring including backrest inlay, except for castors and armrest cover (these are always black).

## CREATIONS OF DESIGN



### **Design: Andreas Krob and Joachim Brüske, b4k**

The PURE<sup>IS3</sup> concept is based on the requirements of the chair's user in their daily life at work. But what makes a good office chair nowadays? It should be intuitive to use, adapt to its user and enable active, dynamic (i.e. healthier) sitting. Working on this basis, the Swiss design agency b4K set to work to devise a PURE<sup>IS3</sup> that had this function and purpose. Together with engineer Joachim Brüske, b4K founder Andreas Krob collaborated with Interstuhl to develop the brand-new Smart Spring technology of the PURE<sup>IS3</sup> with its core component: the curved Smart Spring on the backrest of the chair. Thanks to its innovative materials, the technology enables optimum, tailor-made sitting comfort and active sitting in all directions, meaning a traditional chair mechanism



Andreas Krob



Joachim Brüske

is no longer required. The product designers deliberately opted for a much reduced, clean-cut design for the PURE<sup>IS3</sup>. This makes the PURE<sup>IS3</sup> unmistakable and aesthetic, but not overbearing, in any space. The single colour of the Smart Spring and chair column highlights the clean-cut design, while the absence of a mechanism makes the chair visually and physically light and flexible.

### **Sustainability:**

Interstuhl is a pioneer in environmentally friendly, resource-saving production of conference and seating solutions.

In June 1996, the family-run business became one of the first companies in its sector to be entered on the EMAS register, where it remains to this day. The development of the PURE<sup>IS3</sup> also indicates corporate responsibility in working for a clean environment and efficient use of material resources.

Through environmentally friendly, resource-saving manufacturing, up to 98 per cent of materials used are recyclable, including a large proportion of natural materials.

Interstuhl has an integrated management system (ISO 9001/14001/EMAS/BS OHSAS 18001/ISO 50001) that meets the company's exacting standards.

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