Humanscale

World Lab

Designed by Niels Diffrient



World Lab, designed by Niels Diffrient, is an ergonomic seating solution purpose-built for lab, healthcare, and clinical environments. With antimicrobial textiles and arm pads, it's easy to clean and wipe down. World Lab's patented gravity-based mechanism works in harmony with the sitter's body, providing an adaptive, weight-compensating recline that allows spontaneous movement throughout the day, without manual adjustments. It's also made with fewer parts and has a lightweight frame while offering long-term durability that exceeds industry standards. Created for the rigorous demands of lab and life sciences, World Lab provides effortless support, unrestricted movement, and easy cleanability, empowering professionals to perform at their best.

Sustainability Certifications

SCS Indoor Advantage™ Gold

BIFMA LEVEL® 3

Living Product Challenge Certified (LPC)

DECLARE® - LBC Red-List Approved

Health Product Declaration (HPD)

Warranty

15 Years, Components and Parts

5 Years, Fabric/Cushions

Features

- Single-panel, double-sided Lotus textile on the backrest and seat offer stain resistance, hospital-grade cleanability, and antimicrobial protection.
- Upholstered seat provides balanced weight distribution and long-term support for extended use.
- Antimicrobial Duron arm pads feature a soft, multi-layer construction for unmatched durability.
- Weight-compensating recline utilizes the sitter's weight to provide automatic and personalized support in any position without the need for adjusting knobs and levers.
- World Lab is Climate Positive, built with healthy, sustainable, Red List-Approved materials, and produced in zero-waste facilities, supporting both human well-being and planetary health.
- Designed to fit 95% of the office population (5'0" - 6'4" height, 100 lbs - 400 lbs weight)
- Caster Options: Multi-Surface Casters, Glides

Frame and Textile

Frame

Black

Gray

Textile – Lotus

Coated Performance

Black

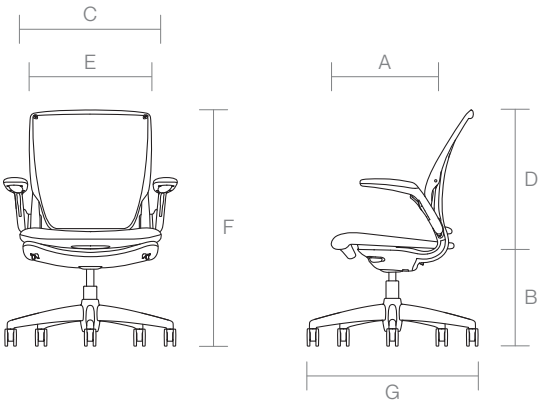
Hematite

Shale

Product Specifications

		Imperial	Metric
A	Seat Depth	16.1 in - 18.5 in	410 mm - 470 mm
B	Seat Height	15.6 in - 20.75 in – Standard 5 in Cylinder 29.2 in - 36 in – High 8 in Cylinder with Footrest	397 mm - 527 mm – Standard 127 mm Cylinder 742 mm - 914 mm – High 203 mm Cylinder with Footrest
C	Seat Width	20.8 in	528 mm
D	Backrest Height	22.5 in	572 mm
E	Backrest Width	19 in	483 mm
F	Height	35.6 in - 40.75 in – Standard 5 in Cylinder 49.2 in - 61.5 in – High 8 in Cylinder with Footrest	905 mm - 1,035 mm – Standard 127 mm Cylinder 1,250 mm - 1,562 mm – High 203 mm Cylinder with Footrest
G	Base Diameter	25 in	635 mm
H	Seat to Footrest Distance	17.6 in	447 mm
	Chair Weight	27 lbs – Standard 5 in Cylinder 31 lbs – High 8 in Cylinder with Footrest	12.2 kg – Standard 5 in Cylinder 14.1 kg – High 203 mm Cylinder with Footrest
	Recline Range	17° Recline + 8° Backrest Tilt	

World Lab (Standard)



World Lab Stool (High)

