

# Zero-Gravity® Hinged Swing Arm

## The Suspended Radiation Protection System

### Product Highlights:

#### Orthopedic Protection

Zero-Gravity® is designed to take the weight off of clinicians' bodies and to prevent fatigue and orthopedic strain, unlike conventional lead aprons.

#### Higher Radiation Protection

Zero-Gravity® provides superior operator protection during fluoroscopy compared to conventional lead aprons with undertable shields or ceiling mounted shields.<sup>1, 2, 3</sup>

#### Flexibility

The Hinged Swing Arm can be easily re-positioned for a broad range of procedures and room configurations. Clinicians maintain patient access on both sides of the table.

#### Ease of Movement

Zero-Gravity® allows clinicians freedom of movement, especially during challenging procedures.



#### Model

Hinged Swing Arm - ZGHSA

Description	SKU
Zero-Gravity® Drape	ZGD20WA-Loop
Zero-Gravity® Vest, Small	ZGAV-S
Zero-Gravity® Vest, Medium	ZGAV-M
Zero-Gravity® Vest, Large	ZGAV-L

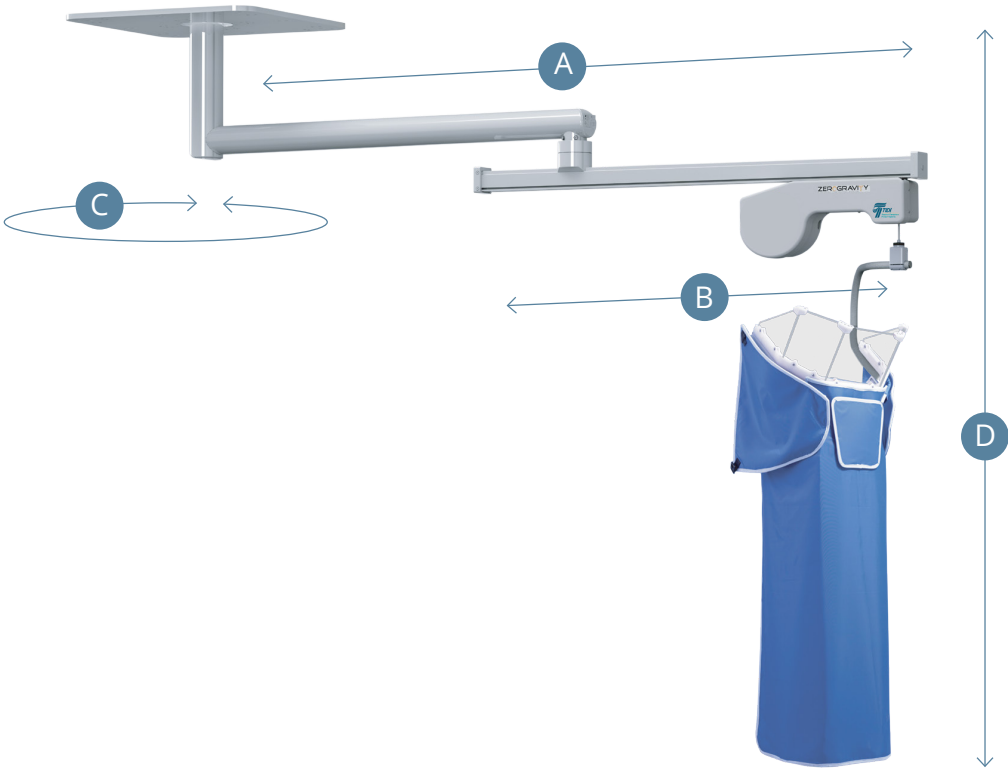
*The Vest is also available in sizes XS, XL, 3XL.*

<sup>1</sup> Haussen DC, Van Der Born IMJ, Nogueira RG. J NeuroIntervent Surg 2016; 8:1052-1055.

<sup>2</sup> Marichal DA, Anwar T, Kirsch D, et al. Comparison of a for radiation exposure of a simulated interventionalist. J Vasc Interv Radiol 2011; 22: 437--42.

<sup>3</sup> Savage C, Seale IV TM, Shaw CJ et al. (2013) Evaluation of a Suspended Personal Radiation Protection System vs. Conventional Apron and Shields in Clinical Interventional Procedures, Open Journal of Radiology, <http://dx.doi.org/10.4236/ojrad.2013.33024>.

# Zero-Gravity® Hinged Swing Arm



General Information	
A) Boom arm length	281 cm
B) Balancer working length	118 cm
C) Boom arm rotation (for both arms)	360°
D) Ceiling height requirement	Min 272 cm
Total weight	227 kg
Dimension of the wooden packaging (L x W x H)	188 cm x 89 cm x 130 cm
Weight with packaging	386 kg

Radiation Absorption	
Leaded head shield	0.5 mm Pb equivalency
Leaded shoulder/body shield	1.00 mm Pb equivalency

Measurements are approximations and subject to change by the manufacturer.

