

TC-5500A

3D Rotator

Data Sheet



Features

Rotation fixture for 3D radiation pattern measurement

Elevation and Azimuth, 2-axis rotation system.

Mechanically designed to avoid cable twist using slip ring and rotary joint

Each part is designed and manufactured considering permittivity.

Tick mark on the Cradle Base.

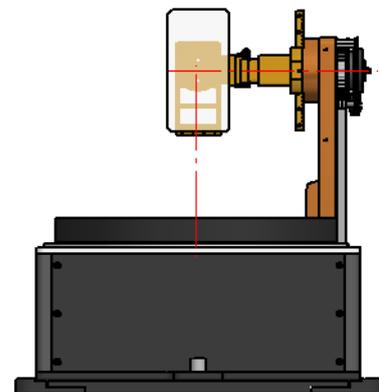
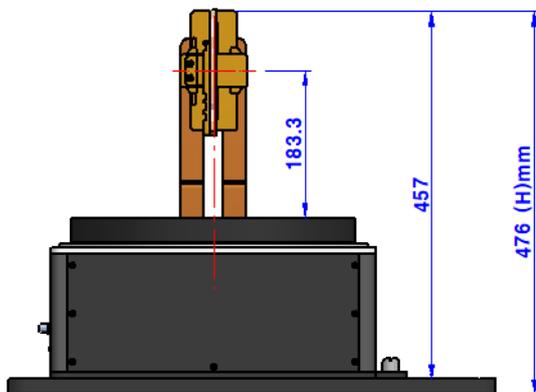
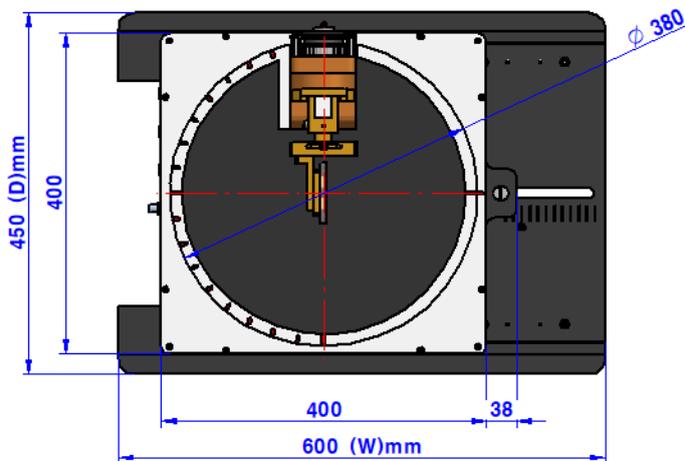
Mechanical Specifications

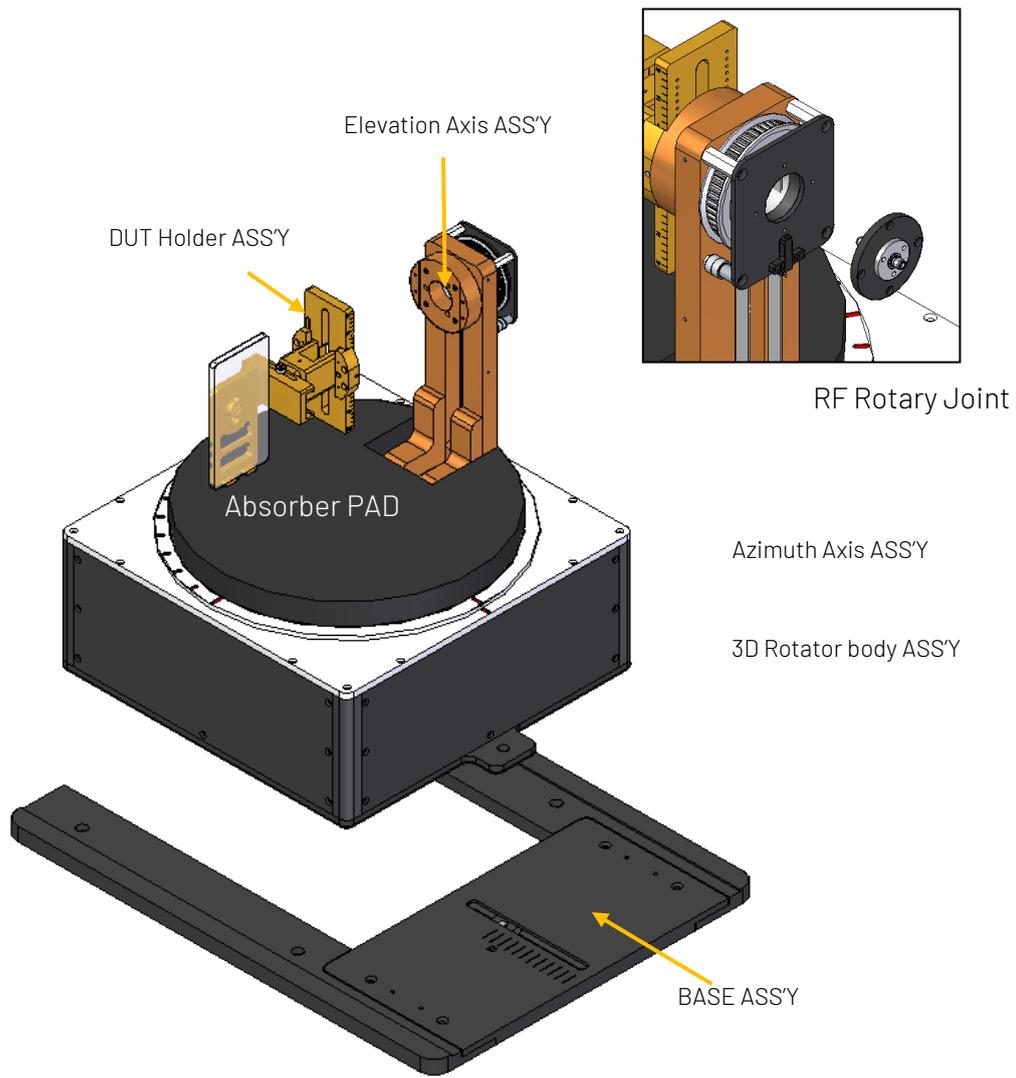
Rotation Axis	Elevation and Azimuth (Automated / Homing)
Rotation Range	Elevation: 0° ~ 360° Azimuth: 0° ~ 180°
Rotation Speed	Elevation: 12 ~ 13 RPM Azimuth: 8 ~ 9 RPM
Positioning Accuracy	Elevation & Azimuth < 1°
Material	Resin series
Max. DUT Weight	0.5 kg ~ 1 kg
Control Interface	USB, RS-232C
Power Supply	24V DC Adapter
Dimensions	438(W) x 400(D) x 427(H) mm
Weight	Approx. 18 kg

* The size or weight of a package may vary depending on how the product is packed.

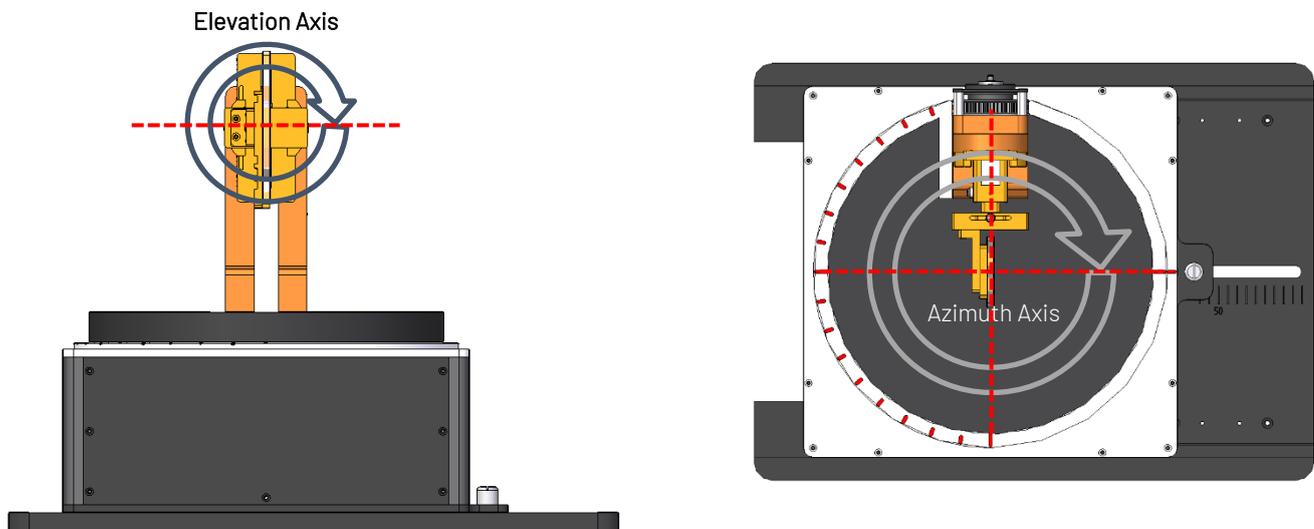
Rotator Dimensions

TC-5500A 3D Rotator Dimensions (WxDxH): 438(W) × 400(D) × 427(H) mm

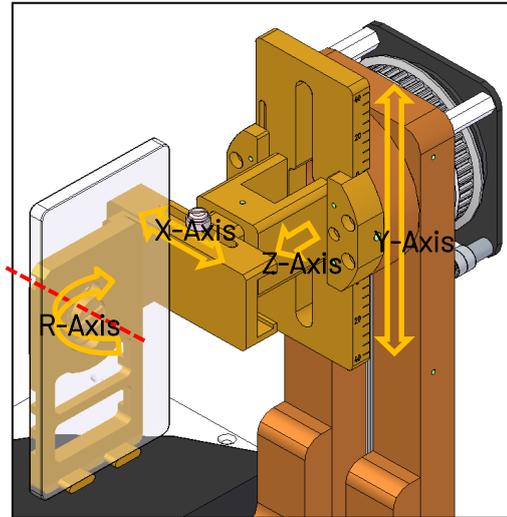
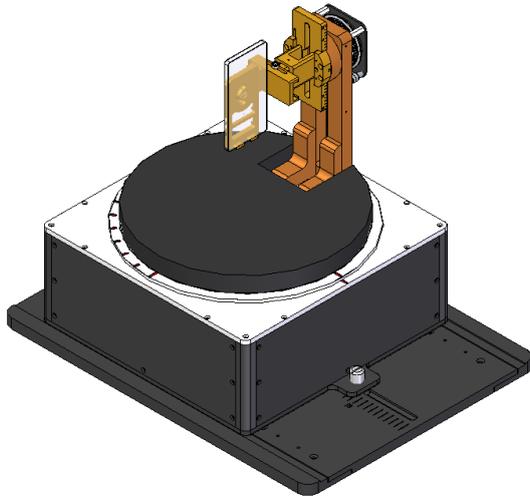




Rotation Axis



DUT Holder



X-Axis	±20 mm (5 mm step)
Y-Axis	±40 mm (5 mm step)
Z-Axis	±10 mm (1 mm step)
R-Axis	180°
DUT fixing type	Rubber Band / Masking tape once DUT is placed
Operation type	Manual
Material	ULTEM

* DUT Holder is designed for phone from factor and can be customized according to user DUT

Ordering Information

Order Number	Product
TC-5500A	3D Rotator

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

