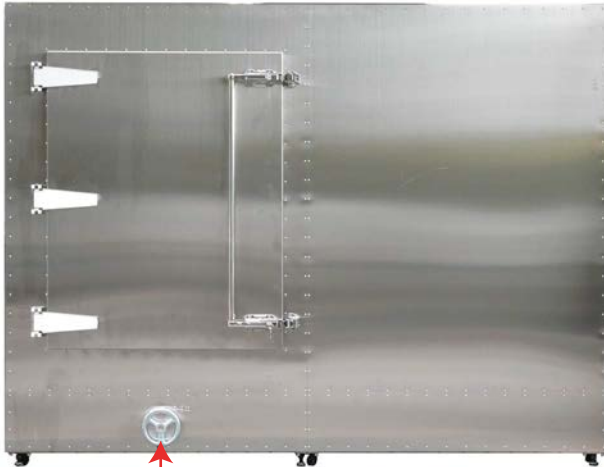
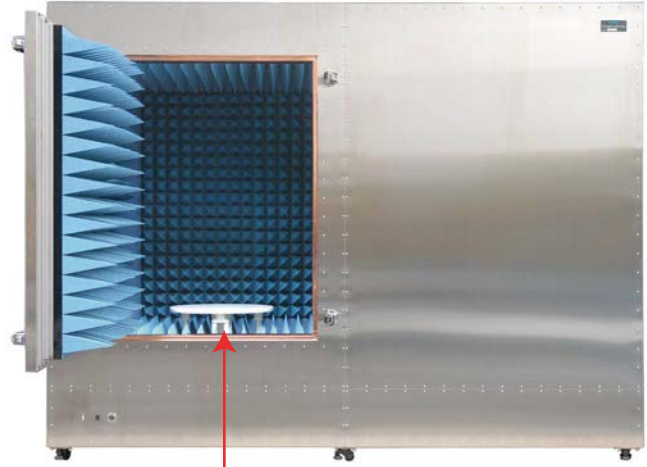


Shield boxes suitable for developing antennas
and evaluating communication characteristics
such as wireless devices.



Rotary knob for turn table

MY5630



Electric turn table

MY5630ET



Right side



Left side

Specifications

	MY5630	MY5630ET
Outside dimensions (approx.)	2504(W)×1704(D)×1921.5(H)mm (excluding projections)	
Inside dimensions (approx.)	2010(W)×1210(D)×1140(H)mm	
Weight (approx.)	750kg	765kg
Structure	<ul style="list-style-type: none"> ■ Exterior : Stainless steel, Double thin plates ■ Frame : Stainless steel, 40mm square tube 	
Shielding characteristics	more than 80dB@800MHz to 12GHz(typ.) (when using shield sheet more than 60dB)	
Radio wave absorber	Pyramidal absorber 8 inch	
Reflection loss	30dB@1GHz, 40dB@3GHz, 50dB@5GHz (typ.)	
Front door	Door opening dimensions 900(W)×1150(H)mm	
Maintenance door	Door opening dimensions 675(W)×675(H)mm Installing antenna fixing base made of resin	
Turn table	500mm in diameter / 30kg in load Uniform static load @center of table Structure POM(White)	
Exhaust fan and intake	Intake(Below left side) Exhaust fan(Upper right side, AC inlet below right side)	
Interface	USB(2pcs), LAN(2pcs), Power supply(1pc), D-sub9pin(1pc), D-sub25pin(1pc), Shield sheet(1pc), SMA(J)(5pcs) (Select either AC 100V or DC.)	

*The optional shield sheet MY 5630-03 is shown on the right side.

Features



- The inside size is wide as 2m, considering the measurement of large DUT.
- Reinforced body with high shielding performance (more than 80dB).
- Owing to the characteristics of the pyramidal radio wave absorber, the internal reflection is prevented.
- Maintenance door is installed to reduce the burden of mounting the fixed base.
- A special cable can be drawn in the box through the shield sheet.
- Heat dissipation measures using intake and exhaust mechanisms are provided.
- Automatic creation of antenna pattern measurement can be also customized.

*Please feel free to contact us for details.

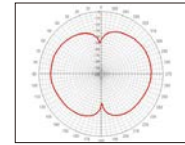
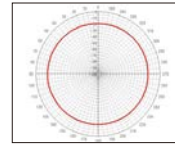


Maintenance door : Work efficiency improves when changing the antenna.
 Antenna fixing base : Optional antenna set can be attached. (Photo: MY 5630-01)

[Ex.] Rotation mechanism : Measurement in horizontal / vertical direction (Photo : MY 5630-02)



Electric turn table : Rotate the DUT and measure the antenna pattern.



Option

■ Doubleridge horn antenna set

Model	MY5630-01
Type	Doubleridge horn
Frequency	1 to 18GHz
Connectors	SMA(J)
Other	One set of fixing jig(*1)
Features	<ul style="list-style-type: none"> · Small antenna suitable for broadband measurement with sharp directivity. · Mounted on a fixed base, and receive and measure in horizontal / vertical plane using rotating mechanism. · Antenna evaluation such as mobile phone, wireless LAN terminal, base station.

■ Log periodic antenna set

Model	MY5630-02
Type	Log periodic dipole array
Frequency	700MHz to 6GHz
Connectors	SMA(J)
Other	One set of fixing jig(*1)
Features	<ul style="list-style-type: none"> · Correspond to high gain, wide bandwidth and high power output. · Mounted on a fixed base, receive in horizontal / vertical plane using rotating mechanism and then measure. · Combined with SG and high-frequency amplifier, enable to evaluate radiation immunity. · It is possible to evaluate receiving characteristics of base station and 4K broadcasting equipment.

(*1)Include connecting cables and connectors inside shield box.

■ Shield sheet (Maintenance door side)

Model	MY5630-03
Features	<ul style="list-style-type: none"> · Same as shield sheet equipped on the front of main body. · Set on the maintenance door side. · For drawing IF and coaxial, optical fiber and special cable.

■ Wooden base

Model	MY5630-04
Features	<ul style="list-style-type: none"> · Attach around the turntable and prevent interference of cables during rotation. · Since DUT can be placed once on wooden base between door and turntable, the burden of installation is reduced. The surface of wooden base is 5mm lower than the surface of turntable.

*MICRONIX Corporation reserves the right to make a change in design, specification and other information without prior notice.

MICRONIX

MICRONIX CORPORATION

2987-2, KOBIKI-CHO, HACHIOJI-SHI, TOKYO 193-0934 JAPAN

TEL : +81-42-637-3667 FAX : +81-42-637-0227

URL : <http://www.micronix-jp.com> E-mail : micronix_e@micronix-jp.com

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