

Suitable for evaluation of devices such as cellular phone, smart-phone, tablet terminal and portable game machine with wireless communication function!!

DUT can be operated directly with bare hands while placing it in the box and looking at the inside from the shield window.

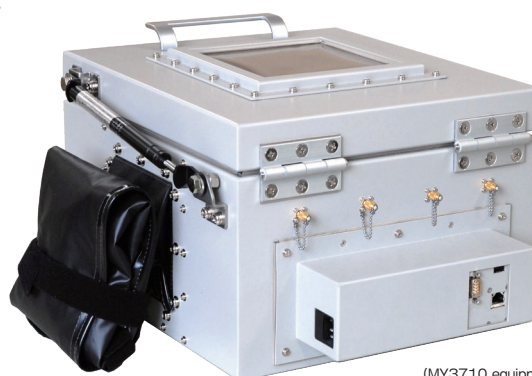


Specifications

Outside Dimensions	320(W) × 260(H) × 360(D)mm (excluding projections)
Inside Dimensions	250(W) × 160(H) × 290(D)mm (excluding projections)
Weight	approx. 8kg(excluding I/F module)
Structure	Double structures with radio wave absorber and aluminum plate.
Shielding Characteristics(typ)	≥ 60dB (600MHz to 6GHz)
Reflection loss	≥ 20dB (≥ 2.4GHz)
Shield window	approx. 140(W) × 140(D)mm
Connectors	SMA 4pcs
Option	<ul style="list-style-type: none"> · I/F Module (possible of installing one module of IFM1 to IFM6 on the back.) · Shielded arm cover MY3700-001 (factory option, *Standard is only one side.) · Conduction arm supporter MY3700-002 · Anechoic box stand MY3700-101 (adjustable inclination angle) · LED light MY3700-102 (battery drive, factory option with mounting bracket)

Features

- Though MY3710 is small and light weight, it is possible to put one hand or both hands (optional MY3700-001 is installed) in it. Moreover DUT can be operated with bare hands.※¹
- Despite of use of shield window, shielding effectiveness over 60dB is ensured at frequency from 600MHz to 6GHz. ※²
- One touch lock mechanism
- Optional I/F modules from IFM1 to IFM6 correspond to the various interfaces. ※³



(MY3710 equipped with IFM1)

※^①10-inch tablet terminal can be put in box.

Since it is possible to operate directly with bare hands, poor reaction of touch panel by using the glove type will be eliminated and the fine operation will be able to be done.

※^②The various radio waves such as 3G / 4G (LTE / WiMAX) / 5G / Wi-Fi (2.4GHz & 5GHz bands) which are a mainstream in communication system of mobile terminal will be blocked off.
This performance is realized by our own technology regarding shield window.

※^③By exchanging the optional I/F module, the various interfaces can be used.

Since the noise filter is inserted in almost these interfaces, the influence of noise entering from the cable will be reduced.

Option

I/F module

I/F module is equipped with AC power supply, DC power supply, LAN, USB, SMA, BNC, N, Triaxial, D-sub connectors and Through pipe. The I/F module can be easily replaced if needed.

Model	Equipped connectors
IFM1	AC(1pc), LAN※ ¹ (1pc), USB※ ² (1pc), D-sub9※ ³ (1pc)
IFM2	AC(1pc), LAN※ ¹ (2pcs), USB※ ³ (2pcs), D-sub9※ ⁵ (1pc)
IFM3	AC(1pc), LAN※ ¹ (2pcs), USB※ ³ (2pcs), D-sub25※ ⁶ (1pc)
IFM4	DC(1pc), LAN※ ¹ (1pc), USB※ ³ (1pc), D-sub9※ ⁵ (1pc), D-sub25※ ⁶ (1pc)
IFM5B	SMA(4pcs), BNC(2pcs), N(2pcs)
IFM6-1	Through pipe(1pc)
IFM6-2	Through pipe(2pcs)
IFM7	AC(1pc), LAN※ ² (1pc), USB※ ⁴ (1pc)
IFM8	DC(2pcs), LAN※ ² (1pc), USB※ ⁴ (1pc)
IFM9	LAN※ ² (2pcs), USB※ ⁴ (2pcs)

※1. Cat 5e equivalent, PoE not supported

※2. Cat 6A equivalent, PoE++ supported

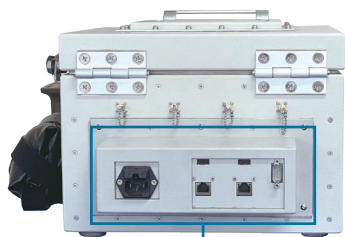
※3. USB2.0, Type-A(Inside·Outside), Power Delivery(PD) not supported

※4. USB3.1 Gen1, Type-A(Inside·Outside), Power Delivery(PD) not supported

※5. Male(Inside·Outside), fit M2.6(metric screw threads)

※6. Female(Inside·Outside), fit M2.6(metric screw threads)

※Custom-made specifications are also available.



MY3710 with I/F module installed

Shielded arm cover MY3700-001



Product Features

Option required when inserting both hands
※Factory option. Equipped as standard on one side only.

Conduction arm supporter MY3700-002



Product Features

Improves conductivity and conductivity with the shield arm cover.
Also protects the shield arm cover.

Anechoic box stand MY3700-101



Anechoic box stand, when fixed (Approx. 35°)

Product Features

This product has an adjustable tilt angle.
Convenient for sitting work.

LED light (Battery drive) MY3700-102



Product Features

Battery-operated LED light. Improves visibility inside the radio dark box.
※Factory option (with mounting bracket).

Application

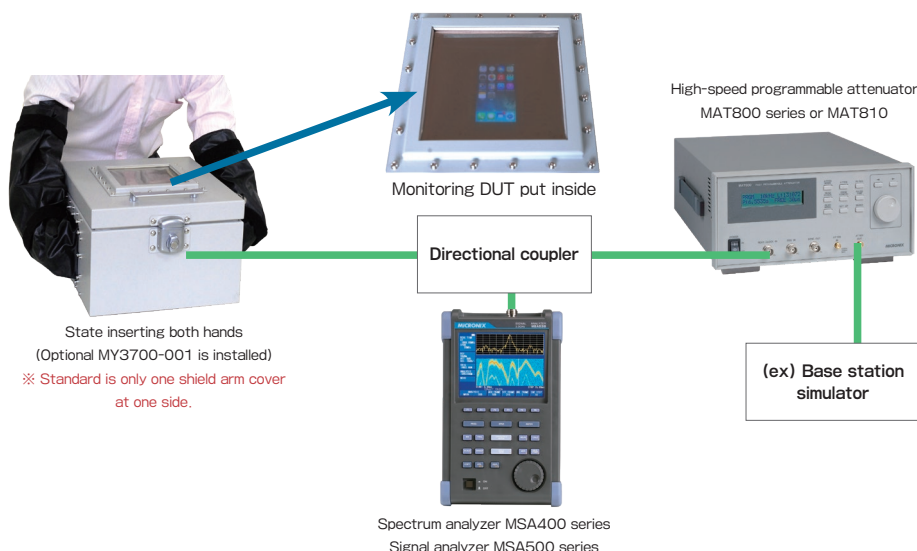
case.1

Weak electric field tolerance evaluation

- ①For the purpose of weakening the radio wave strength of the operational radio wave, the anechoic box (shield box) is used.
- ②The receiving level is monitored by a spectrum analyzer or a signal analyzer.
- ③The signal output level of base station simulator is attenuated by a programmable attenuator.

Check point

The evaluation of the state of communication when radio wave in wireless communication area is weak.



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

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