

JRE 1812F

Forensics Analysis Enclosure

A shielded workbench for seized phones — reach in, see the screen and work the device, with every carrier, WiFi and GPS signal locked outside.



Ships ready to operate: window, sleeves, USB and AC power

AT A GLANCE

- **Ships pre-configured for investigation work** — filtered USB 2.0 interface and a universal AC power strip already installed and tested
- **Patented sleeve design gives unimpeded hand entry** — bare hands on the device, no clumsy gloves and no shorting hazard
- **Patented high-performance window:** over 70 dB shielding at better than 70% light transmission — read the screen while you work
- **Isolation from carrier, WiFi and GPS bands:** -80 dB DC to 1 GHz, -75 dB to 3 GHz, -70 dB to 6 GHz
- **Shielded Faraday evidence bag included** — carry the device from seizure to the enclosure without a remote wipe, kill or location fix reaching it
- **Bright white LED lighting, about 350 lumens**, on a rechargeable Li-Ion pack — uses no I/O plate space
- Holds smartphones, tablets and small laptops · **8 × 16.5 × 10.5 inches** inside (205 × 420 × 270 mm)

DESCRIPTION

The JRE 1812F is built for handling evidence, not for RF characterization. A seized phone has to be examined without ever touching a live network — one carrier or WiFi connection is all a remote wipe needs — and this enclosure is a place to work on the device with your hands and eyes while it stays isolated. It arrives ready to operate.

Arms slip through patented conductive sleeves, leaving your hands free inside; the patented window laminates conductive PET layers with novel grounding, giving over 70 dB of shielding while passing better than 70% of

the light, so you can read the screen as you work. Lighting is about 350 lumens of white LED on a rechargeable Li-Ion pack — no external wiring, no plate space consumed.

The chain of custody is covered end to end. A shielded Faraday carrier bag comes with it for transport from the point of seizure, and once inside, the filtered JRE USB 2-1 interface connects your analysis equipment through the wall while keeping carrier, WiFi and GPS signals out. The AC strip inside runs chargers and adapters.

SHIELDING ISOLATION

DC to 1 GHz	-80 dB
to 3 GHz	-75 dB
to 6 GHz	-70 dB

Rated with the window and hand-entry sleeves in place — covers the telco carrier bands, WiFi, Bluetooth and GPS.

STANDARD I/O & ACCESSORIES

Data	JRE USB 2-1 filtered interface
Power inside	120/240 VAC outlet strip
Included	Shielded Faraday evidence bag
	Li-Ion pack and charger
Plate size	JRE "B" size, customizable

Additional filtered interfaces and connectors can be added to the plate.

WINDOW, SLEEVES & LIGHTING

Window shielding	> 70 dB
Light transmission	> 70%
LED illumination	~350 lumens
Hand entry	Conductive sleeves, bare hands

DIMENSIONS & WEIGHTS

Inside	8" H × 16.5" W × 10.5" D
	205 × 420 × 270 mm
Outside	8.5" H × 18" W × 12" D
	250 × 460 × 305 mm
Weight	18 lb / 8.2 kg
Shipping weight	20 lb / 9.1 kg

FEATURES & BENEFITS

- Pre-configured and ready to operate — AC power and filtered USB already fitted
- Double-contact door shields ensure repeatable measurements
- Shielded Faraday evidence bag included for transport from the scene
- 3/4" (19 mm) RF absorbing foam; 90 °C rating, UL 94V-0 flammability

PATENTS AND OPTIONS

The hand-entry chamber and the RF shielded window are both covered by US patents (US 8,294,044 and US 9,497,894). The 1812F ships ready to operate, and its B-size plate can be reconfigured at any time from JRE's full line of filtered interfaces. Need the same window and sleeves without the forensics fit-out? See the JRE 1812WS.