

geolometer

R O C K S O L I D L Y R E L I A B L E



GL-DI 1821

**Window Insulation Performance
Tester**

PRODUCT APPLICATION

The insulation performance testing apparatus for doors and windows is based on the insulation performance testing apparatus for energy-saving building components as well as the insulation performance testing apparatus for doors and windows that was created in compliance with the standard GB/T8484-2020.

Product Specifications

| THERMAL BOX SPECIFICATIONS | GL-DI 1821 |
|--------------------------------------|---|
| Temperature Range | 17 ~ 50 °C |
| Temperature Measurement Accuracy | 0.2 °C |
| Temperature Fluctuation Range | 0.01 ~ 0.1 °C |
| Power Control Range | 10 ~ 900 W |
| Power Measurement Accuracy | ±0.2 level |
| Steady-State Power Fluctuation | ≤ 0.3 ~ 3 W |
| Humidity Control Range | ≤ 20% |
| COLD BOX SPECIFICATIONS | GL-DI 1821 |
| Temperature Range | -21 ~ -10 °C |
| Temperature Measurement Accuracy | 0.2 °C |
| Temperature Fluctuation Range | 0.01 ~ 0.2 °C |
| OUTER WALL SPECIFICATIONS | GL-DI 1821 |
| Surface Temperature Control Accuracy | 0.2 °C |
| Temperature Measurement Accuracy | 0.2 °C |
| TEST EFFICIENCY SPECIFICATIONS | GL-DI 1821 |
| Intermittent Testing | 9 ~ 10 hours per piece |
| Continuous Testing | 8 ~ 9 hours per piece |
| OTHER SPECIFICATIONS | GL-DI 1821 |
| Power supply | AC 380V, ≤ 8 kW, three-phase five-wire system |
| Control Mode | <ul style="list-style-type: none">• Computer control, automatic data acquisition, test report printing• Original record and sampling record (A4 paper) |
| Box Structure | Independent cold and hot box doors for easy part clamping & sensor setup |