



# ESD Control & Monitoring

Impedance Meter • TwinGuard Wrist Strap Continuous Monitor  
 • ESD Turnstile Entry System • Megalin ESD Tester • Megalin  
 Data Logging Tester • Integrated Management Software with  
 Megalin Tester (GZ350 & GZ600) • Electrostatic Image System •  
 E-Reticle™ • Dickson Temperature & Humidity Data Logger

# Impedance Meter

This instrument is designed to measure generic AC impedance per ANSI/ESD S20-2007 and IEC-61340-2007 standards.

- Portable and light weight
- Built in memories for data storage / recording
- Built in SD card slot for measurement data transfer
- AC impedance range: 0Ω - 20mΩ



# TwinGuard Wrist Strap Continuous Monitor

TwinGuard is a dual channel continuous wrist strap monitor and provide constant monitoring on operator's grounding through wrist strap or ankle strap.



# ESD Turnstile Gate System

Card Reader Exit Logging



Push Button for exit



Emergency Stop with Key Lock for Release



Clear indicator



palm touch operation testing



special base material come with integrated footplate for easy implementation

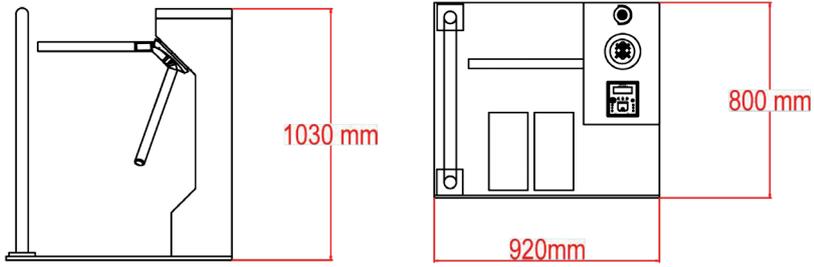


Data Logging support major card system

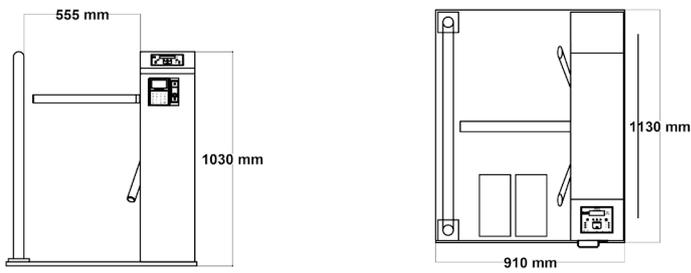


# Turnstile Models

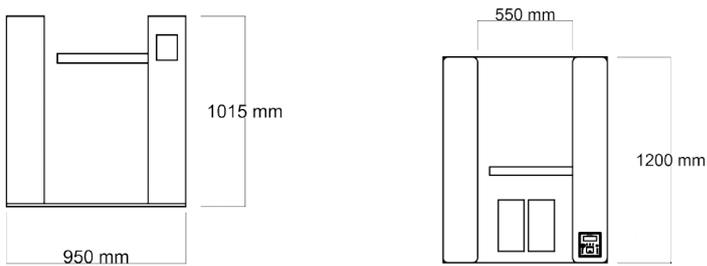
## Mini Tripod ZT-TP-MS



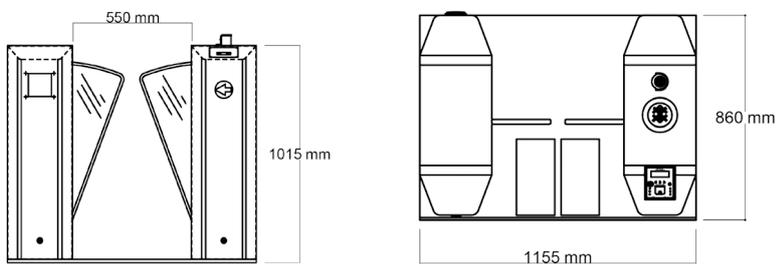
## Standard Tripod ZT-TP-MD-01



## Retracting Arm Gate ZT-ADA-DA-2000



## Retracting Flap Gate ZT-AFB-AR-S01



# Megalin ESD Tester

- ESD Testing Made EASY
- Digital Measurement & Calibration
- Digital Readout LCD Model
- Flexible Limit Configurable
- LCD Test results Display Models
- Data logging version available
- Relay out available for immediate entry system integration
- Support Common Card Systems for Data logging



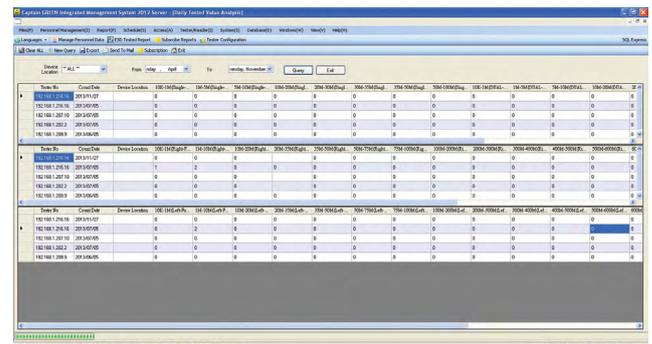
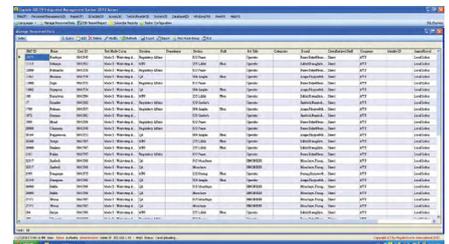
# Megalin Data Logging Tester

- Huge Buffer Memory Storage – Up to 5000 Test records
- Records Test Data , employee records and Time stamp
- Auto Time Synchronization
- Testing and Data logging continues even when Server or LAN down.
- Data transfer resumes when LAN or Server is back to operation
- Card system support Majority of Common Card System ( HID, Mifare, Temic, EM )



# Integrated Management Software with Megalin Tester (GZ350 & GZ600)

- Auto Manage all employee data
- Auto importing the latest information on a location
- Auto Report emailing after subscription to the report
- Multi-client installation allow all to access the information
- Real MS SQL Data base System, where there is no data limit
- Real LAN interface Low LAN Traffic Resource
- Email Alert on failures



# Electrostatic Image System



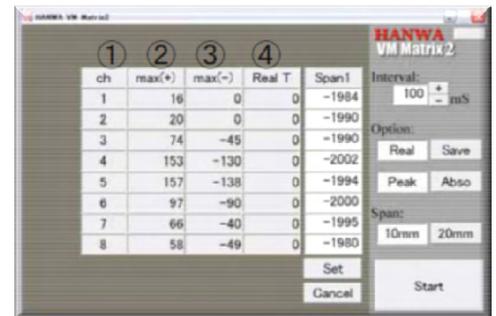
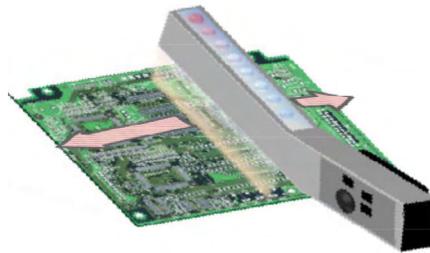
**Linear Type with LED Display (DYEQ01-HW-HSK5008DL)**

This instrument is designed to measure and monitor electrostatic charge distribution on material/ surface.

- Portable and non-contact monitor
- Software capable to capture real time imaging system and data logging.
- Portable Linear type and Area type with LED display.
- Validate changes over surface charge instantly.



**Area Type with LED Display (DYEQ01-HW-HSK5064DA)**



## E-Reticle™

- In-Situ measurement of electric fields in production reticle environment.
- Ideal for mask fab or wafer fab ESD and EFM risk assessment.
- Data Analysis software allow user to quickly assess ESD risks.

*E-Reticle™  
8 inch SMIF Docking Station*



*E-Reticle™  
on 8 inch SMIF Docking  
station without pod*



*E-Reticle™ Backside view*



# Dickson Temperature & Humidity Data Logger

## Ethernet/Wireless 2.4 GHz version ( Wizard 2 series)

- Uses Wizard2 Data logging Software
- Email Alarm Alert
- Comes in 2.4 Ghz Wireless or Ethernet Version



## Ethernet / WIFI Cloud Version ( DicksonOne series)

- Uses DicksonOne Cloud base Data logging
- Email Alarm Alert
- Comes in Wifi or Ethernet version



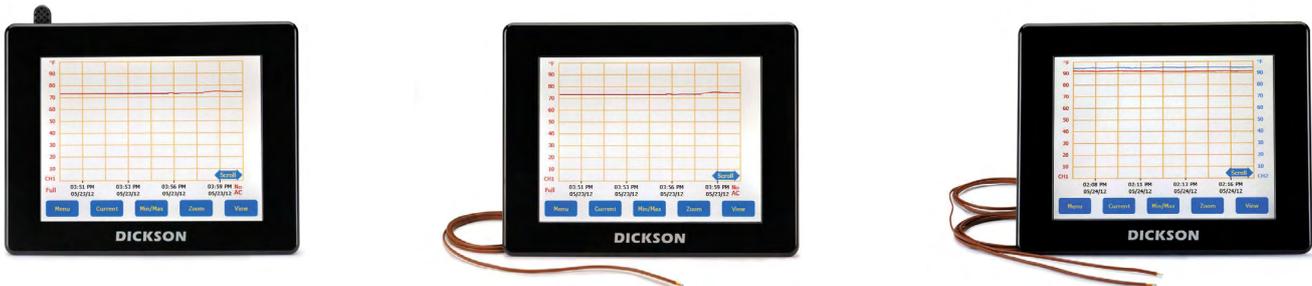
## Standard USB / SD card Interface ( Dicksonware Software)

- Simple SD Card Data Transfer or USB Data
- Simple Data logging Operating Software (Dicksonware)



## Touch Screen / USB / SD Card Interface ( Dicksonware)

- Simple SD Card Data Transfer or USB Data
- Simple Data logging Operating Software (Dicksonware)



ESDeqpm1201402EN\_S2BENSON