

SG2000 IC Test Handler



SG2000 IC Test handler supports functional and Hipot test with dual-site or quad-site configuration.

Supports leaded and leadless packages, including SOP, TSSOP, SSOP and QSOP.

System configuration

- Dual or Quad test sites with Plunger to Board
- Ambient temperature
- Tube in and Tube out
- Touch screen HMI



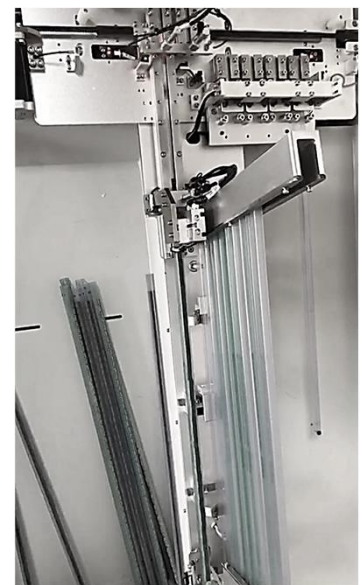
Plunger to Board

Device Handling

- Two Tracks, One or Two sites per track
- Auto tube loader
- Auto tube unloader
 - 1 auto for pass bin
 - 4 manual reject bins
- Ceramic lead backers (PTB)
- Device contactor
 - Kelvin
 - Non-Kelvin
 - Third party



Hipot test site



Tube auto unloader

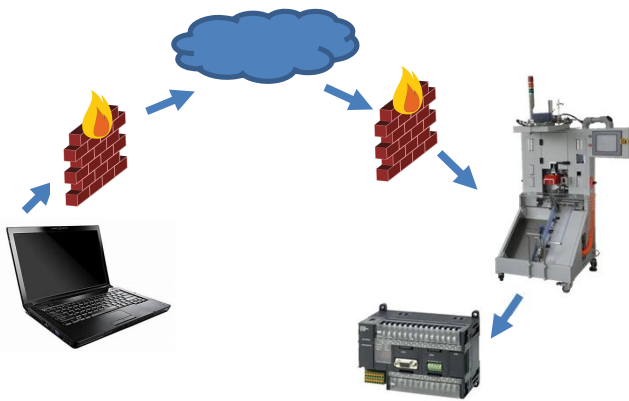


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SG2000 is equipped with network function via ethernet or WiFi connection

Ready for industry 4.0

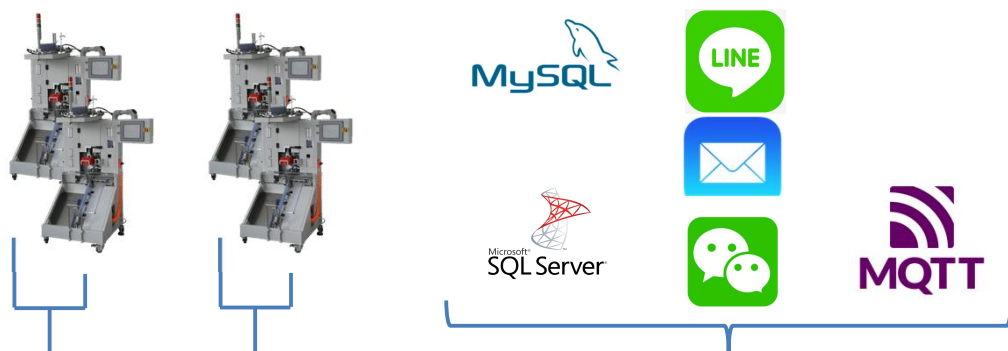
- Production data tracking
- Remote monitoring and assistance
- Supports MySql, SqlServer
- Supports MQTT
- Message/Email alerts
- Supports barcode



Remote system support



Push warning to smart phone



SG2000 System Specifications

Applications

Package Types SOIC, SSOP, TSSOP, QSOP

Package Sizes SO 118mil to 300mil

Hipot test Yes (optional)

Test Sites Two or Four

Temperature Ambient only

Network and Data

Connection LAN
WiFi (optional)
LTE (optional)

Database MySql, SqlServer

IIOT MQTT Server supported:
Azure, AWS, Alibaba Cloud

Input/Output

Input Tube Auto Loader

Output Tube Auto Unloader

Throughput 7000 UPH (2 sites)
10000 UPH (4 sites)

Index Time 750ms per site

Tester Interface

Interface

- TTL
- RS-232 serial (optional)
- IEEE-488 GPIB (optional)

Test Modes

- Parallel/Synchronous
- Asynchronous
- Alternating/PingPong

User Interface

Display Touch screen GUI (EN/CN)

Contactors

Socket Type

- Kelvin
- Non-Kelvin
- Hipot

Site pitch Horizontal 60mm Vertical 36mm

Facility requirement

Electrical 220VAC Single phase 50/60Hz

Air supply CDA 0.5MPa

System Dimension

Weight 300Kg

Height 1750mm

Footprint 1100 x 1000mm