SG2020 IC Test Handler
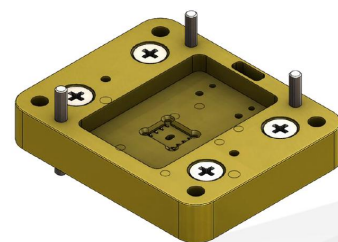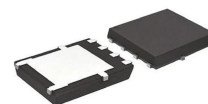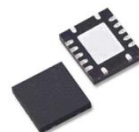
RPTB for leadless packages

SG2020 IC RPTB is designed for leadless packages, supports Ambient and Hot testing with Two or Quad sites. Hipot test sites are also available.
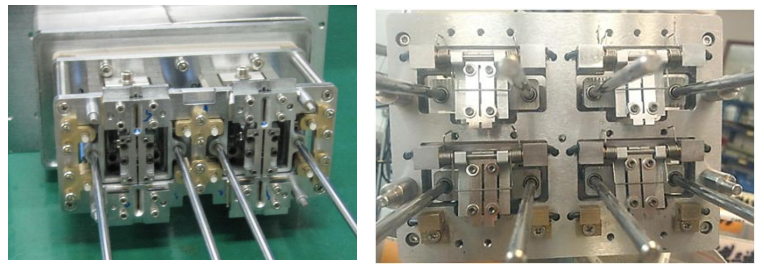

Input option1: Vibration Bowl Feeder

Input option2: Motor-driven Tube feeder

Docking plate

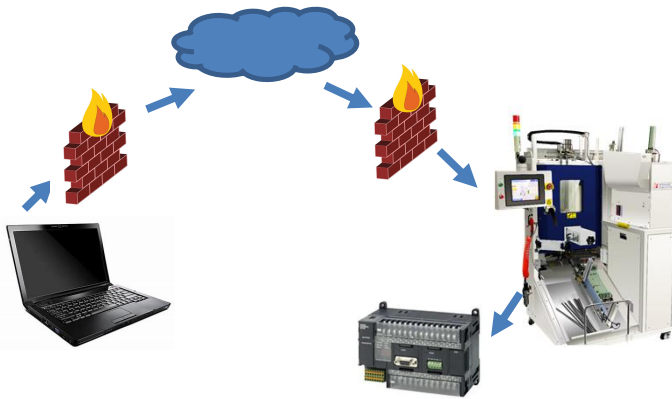**Vacuum plungers**
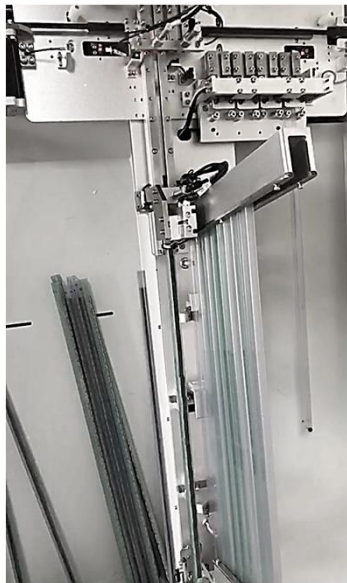
Auto Tube Unloader

Bulk output

SG2020 is equipped with network function via RJ45 or WiFi connection
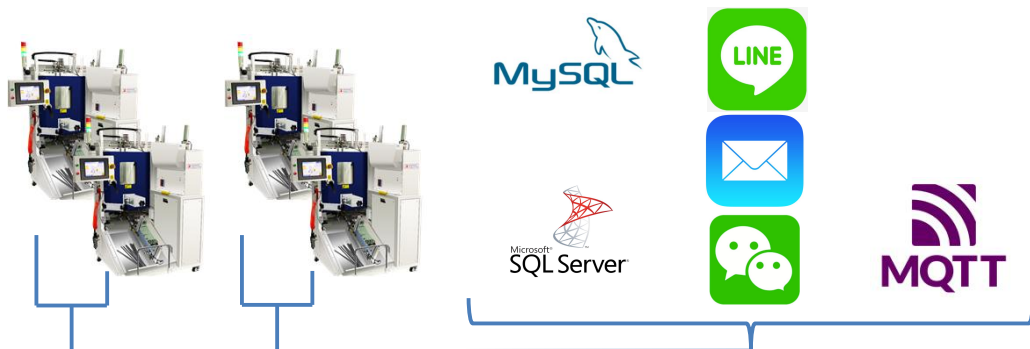
Ready for industry 4.0
- ☐ Production data tracking
- ☐ Remote monitoring and assistance
- ☐ Supports MySql, SqlServer
- ☐ Supports MQTT
- ☐ Message/Email alerts
- ☐ Supports barcode

Remote system support

Push warning to smart phone

SG2020 System Specifications

Applications

Package Types	QFN, DFN, LGA
Package Sizes	3x3 and up
Hipot test	Yes (optional)
Test Sites	Two or Four

Environment

Temperature	Ambient to Hot +155degC
Accuracy	+/-2degC at test sites +/-2degC at soak tracks
Heating	Air. Chamber, sites individual PID control Safety cut off at 200degC
Soak time	0-900s with 1s resolution
Soak capacity	498mm per track

User Interface

Display	Touch screen GUI (EN/CN)

Network and Data

Connection	LAN WiFi (optional) LTE (optional)
Database	MySql, SqlServer
IIOT	MQTT Server supported: Azure, AWS, Alibaba Cloud

Eletech Inc.
info@eletechsemi.com

Input/Output

Input	▪ Tube Auto Loader ▪ Bowl Feeder
Output	▪ Tube Auto Unloader ▪ Bulk
Throughput	6000 UPH (2 sites) 9000 UPH (4 sites)
Index Time	880ms per site

Tester Interface

Interface	▪ TTL ▪ RS-232 serial (optional) ▪ IEEE-488 GPIB (optional)
Test Modes	▪ Parallel/Synchronous ▪ Asynchronous ▪ Alternating/PingPong

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