FG

Best technology
for your laboratory



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Institute of Global Certification IGIC ISO 9001 CERTIFIED
IAS ACCREDITED Management Systems Certification Body MSCB 335
IGIC CERTIFIED ISO 13485
IAS ACCREDITED Management Systems Certification Body MSCB 335

Best technology for your laboratory

FG products:

- Laboratory Drying Oven
- Smart Hot Incubator
- Boiling & Serology Water Bath
- Shaker Incubator
- Smart Laboratory & Pharma Freezer
- Electric Muffle Furnace
- Orbital Shaker
- Stability Test Chamber
- Growth Chamber
- Microbiological Safety Cabinet
- Cooled Incubator
- Smart Laboratory & Pharma Refrigerator

Best technology
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FG, with three decades of experience in laboratory equipment manufacturing, proudly introduces a collection of its modern and high-quality products. By producing equipment that aligns with global standards and a commitment to advancing technology and unique technological developments, we are recognized as an innovative leader in the field of laboratory equipment. As a trusted partner for laboratory needs, we stand alongside you, and we take pride in this trust.

Recently, FG has successfully designed special products with internet connectivity capabilities (a pioneering achievement worldwide), bringing unparalleled features and capabilities to users. This product series is known as the "S Class" (smart), marking a significant advancement in the world of laboratory equipment.







1.Infinite Innovation:
FG, following the philosophy of innovation and continuous progress, focuses on designing and developing new and unique technologies. These innovations enhance your capability to conduct complex experiments and research.

2.Utmost Precision:
FG's technologies, with precision and attention to detail, allow you to perform your experiments with increased accuracy. From precise equipment to advanced software, we provide you with the necessary tools to enhance your scientific results.

3.Integration of Artificial Intelligence and Internet of Things (IoT):
FG incorporates modern technologies such as artificial intelligence and IoT in laboratory equipment, enabling you to leverage intelligent features that significantly improve the efficiency and usability of your equipment.

4.Excellent Quality and Global Standards:
All our equipment is manufactured with a commitment to quality and adherence to global standards. We ensure that our products meet all your laboratory requirements and maintain unparalleled quality and accuracy.

5.Product Diversity:
FG offers an extensive range of laboratory equipment, including various types of devices and tools. From chemical testing equipment to medical laboratory tools, we provide all your needs under one roof.

6.After-Sales Support and Services:
Recognizing the importance of after-sale communication with customers, we have a dedicated support team always ready to answer your questions and provide comprehensive after-sales services.

In this brochure, some of the countless advantages of FG products have been highlighted. We would appreciate it if you visit our website for further and up-to-date information.
Thank you

- Available in Different Capacities
- Natural Convection or Forced Air Circulation
- Wide Range Up to 300°C
- Fully Stainless-Steel Internal Chamber
- Uniformity @ 27 Points According to DIN12880
- Fuzzy Controller
- Over Temperature Protection According to DIN12880 Class 3.1
- Air Exchange Rates and Air Flap Position Electronically Controllable
- Connect to Internet by WIFI
- Data Logger with Internal Memory to Store Data Up to One Year
- Equipped with Professional Programming
- Online and Remote Control, Monitoring and Programming
- SMS & Email Alarm
- Report in Different Formats (PDF, Excel)



smart
Laboratory Drying Oven
Fast & Accurate
Up to 300°C

- Available in Different Capacities
- Natural Convection or Forced Air Circulation
- Fully Stainless-Steel Internal Chamber
- Uniformity @ 27 Points According to DIN12880
- Fuzzy Controller
- Over Temperature Protection According to DIN12880 Class 3.1
- Air Exchange Rates and Air Flap Position Electronically Controllable
- Connect to Internet by WIFI
- Data Logger with Internal Memory to Store Data Up to One Year
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- SMS & Email Alarm
- Report in Different Formats (PDF, Excel)



smart
Hot Incubator
Uniform & Precise

- Available in Different Capacities
- Digital Controller with Touch Keys
- Stainless Steel Tank
- Drain Valve
- Dry Protection
- Element-Free Tank
- PID Controller



Water Bath
Boiling & Serology

- TFT Graphic LCD with Touch Keys
- Uniform & Accurate
- Low Noise Level
- Uniform Movement Across the Entire Surface Thanks to CMT Technology
- Maintaining Seamless Operation Even Under Full Load Conditions
- Over Temperature Protection According to DIN12880 Class 3.1
- Documentation in Support of GMP/GLP
- USB Port for Transferring Data to PC



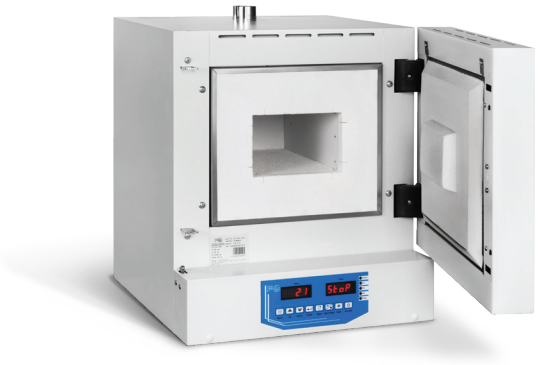
Shaker Incubator
Silent & Accurate

- Available in Different Capacitie
- Under Temperature Protection According to DIN12880 Class 3.2
- User-Friendly Calibration
- Data Logger with Internal Memory to Store Data Up to One Year
- Equipped with Professional Programming
- Online and Remote Control, Monitoring and Programming
- SMS & Email Alarm
- Report in Different Formats (PDF, Excel)
- Connect to Internet by WIFI



smart
Laboratory &
Pharmaceutical Freezer

- Available in Different Capacities
- Up to 1200°C
- High Shock Resistant Thanks to CHP Technology
- Programmable Up to 100 Steps
- Thermal Ramp Setting
- Professional Programming Capability
- Exhaust Air Outlet



Electric Muffle Furnace More Durable Than Ever Before

- Speed Range: 50-220 RPM
- Maximum Shaking Weight: 10 KG
- Low Noise Level
- Uniform Movement Across the Entire Surface Thanks to CMT Technology
- Maintaining Seamless Operation Even Under Full Load Conditions
- Independent Safety Device
- Wide Range of Attachment Combinations Makes It Possible to Use Almost All Shapes and Sizes of Vessels



Orbital Shaker

- Suitable for Stability Tests According to ICH Guideline Q1A(R2)
- Different Capacities Up to 1400 Liters
- PID Controller to Control Temperature & Humidity
- Stainless Steel Internal Chamber
- Circulation Fan
- TFT Graphic LCD with Touch Keys
- 3 Programs with 100 Steps
- Internal Memory to Record Temperature, Humidity and Fan Speed for Up to 2 Years
- SMS Alarm
- Water Tank Including Connection Hose
- Ethernet LAN
- Humidification by Hot Steam Generator
- Uniformity @ 27 Points
- Over and Under Temperature Monitoring (TWW), Protection According to DIN 12880 Class 3.3



Stability Test Chamber Special Chamber You Can Rely On

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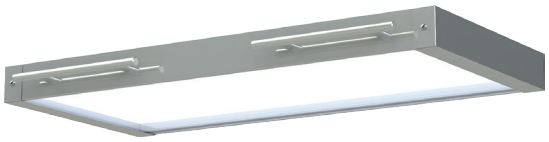
For Your Laboratory
www.fginst.com

- Energy-Efficient Stability Testing: Customized Solutions for Diverse Applications
- Tailor-Made Solutions for Different Studies: ICH Guidelines Compliance and Beyond
- Different Capacities Up to 1400 Liters
- PID Controller to Control Temperature & Humidity
- Fully Stainless-Steel Internal Chamber
- Circulation Fan
- TFT Graphic LCD with Touch Keys
- 3 Programs with 100 Steps
- Internal Memory to Record Temperature, Humidity and Fan Speed Up to 2 Years
- SMS Alarm
- Water Tank Including Connection Hose
- Ethernet LAN
- Humidification by Hot Steam Generator
- Uniformity @ 27 Points
- Over and Under Temperature Protection According to DIN 12880 Class 3.3
- Electronic Changeable Light Spectra Only by One Click with Different Light Options (Cool White Light, Warm White Light & Flora)
- Dimmable LED Light by 10%
- Day & Night Cycle





Growth Chamber
Unique Design for Uniform Climate Conditions

- Digital Controller
- V-Shape Air Slits
- Maximum Visibility & Accessibility
- Microprocessor Control with Filter-Loading-Self-Compensation
- 10° Sloped Front Window for a Better Working Position



Microbiological Safety Cabinet
Class II, Type A2

- Available in Different Capacities
- Natural Convection or Forced Air Circulation
- Internal Chamber Fully Stainless Steel
- Uniformity @ 27 Points According to DIN12880
- Fuzzy Controller
- Over & Under Temperature Protection According to DIN12880 Class 3.3
- No Frost Thanks to NON-CUT Technology
- Connect to Internet by WIFI
- Data Logger with Internal Memory to Store Data Up to One Year
- Equipped with Professional Programming
- Online and Remote Control, Monitoring and Programming
- SMS & Email Alarm
- Report in Different Formats (PDF, Excel)



smart
Cooled Incubator
Hot & Cold – Stable & Accurate

- Under Temperature Protection According to DIN12880 Class 3.2
- User-Friendly Calibration
- Data Logger
- Online and Remote Control, Monitoring and Programming
- SMS & Email Alarms
- Data Logger with Internal Memory to Store Data Up to One Year
- Equipped with Professional Programming
- Report in Different Formats (PDF, Excel)
- Connect to Internet by WIFI



smart
Laboratory & Pharmaceutical Refrigerator



"FG Smart Monitor" Application

- Cloud-Based Application (No Installation Required)
- Multiplatform Application (Android, Linux, iOS, Windows, macOS, Chromium and More)
- User-Friendly Platform
- Remote Control, Monitoring and Programming Anywhere Anytime
- Various Reports with Graphs and Tables in PDF/Excel Format
- Weekly and Monthly Automatic Reports by Email
- User-Friendly Online Calibration
- Online Monitoring and Alarms
- SMS/Email Notifications

One year free subscription to FG Smart Monitor account and access to its unlimited features in the cloud environment

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