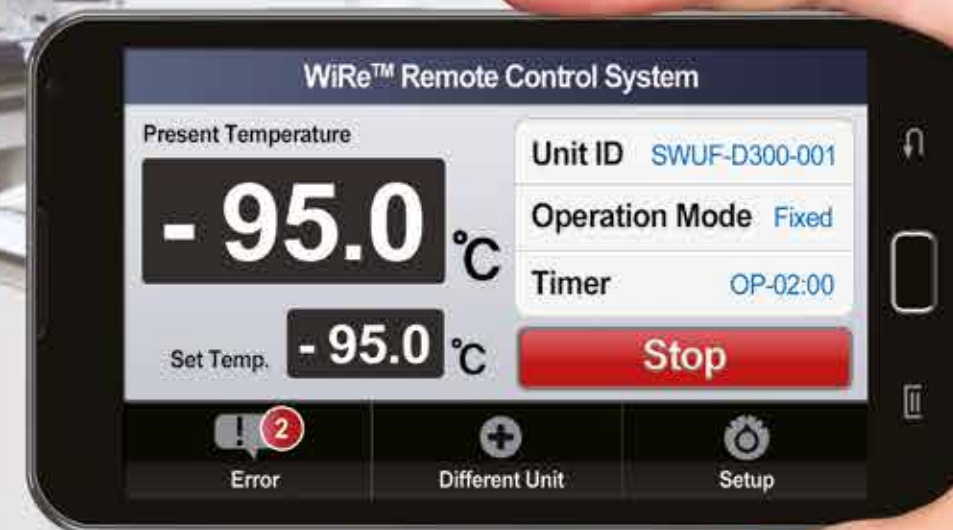


Lab Equipments are also evolving like your smart phone in hand, and smart TV at home

Now, it's the time to innovate your lab with Smart-Lab™ Equipments



“SMART is the right way to do something in the Lab as well.”

Some tens of equipment are required in the lab for any kind of chemical or biological experiment. A fact is that a scientist has to walk around in the lab periodically and monitor every equipment to watch if the experimental procedure is going well without any problem.

In spite of the limited manpower, time and space, scientists have a common mission to get the best result in their experiments, and it's not a simple issue to incorporate a certain innovative way to improve laboratory productivity.

Now, witeg Scientific is going to take an initiative to change existing situation in the labs. So called, **Smart-Lab™ Equipment** is being introduced now here for the first time in the world, which will definitely *change the way to work in the labs.*

“Remote Laboratory” - No limitation on Time and Place

- It's possible to monitor and control **Wisd  Smart-Lab™ Equipments** through App or Web at any time and anywhere you are.

“Intuitive Use” - Easiest way to monitor and control

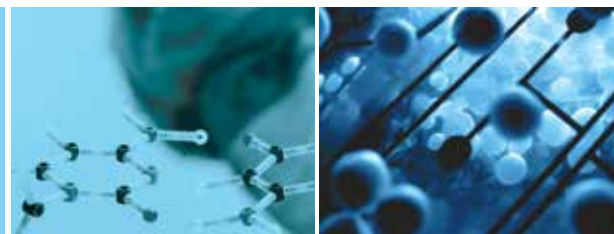
- You would have Innovative User Experience on the full touch-screen LCD controller
- All the equipments in a lab, or, even in multiple labs, can be controlled at your fingertips using Smart phone or Laptop.

“Secure Laboratory” - Self-diagnostics & Real-time notification

- Based on Self-Diagnostic System, any operational error of the equipment is noticed to the user and to the Service Center, automatically.

Innovative Technology to Improve
the Quality of Human Life

Smart-Lab™ Equipments



Like your Smart Phone in hand, and Smart TV at Home,
Now, the Various Kinds of Equipment in Your Lab can be SMART!!

Make your Works and Laboratories SMART
with witeg Smart-Lab™ Equipments & WiRe™ App & Web Service.

witeg Smart-Lab™ Equipments

The Smart-Lab™ System is an innovation of laboratory equipments.
witeg Smart-Lab™ equipments include two types controller, 4-inch or 7-inch, full-touch screen controller, integrating the most extensively applied Android System and Internet Connectivity. At anytime, anywhere you are, and anyhow, you can check and control all the equipments in your lab using your smart phone, tablet on the web.

No Button. No Knob. Simply Touch!!

witeg SMART line of Lab Equipments with

Full Touch Screen Controller and Internet Connectivity!!

» Features

- 4" or 7" Full Touch Screen TFT LCD
- Ergonomic Design for Intuitive User Interface
- Program Control : Multiple Pattern with Multiple Segments
- Data Recording : On-Screen Temperature Chart
- USB storage for Recorded Data
- Internet Connectivity with WiFi
- Remote Monitoring and Control by WiRe™ Service
- **Storage Management function :**
Record the location of samples in the chamber and find easily afterwards, on screen (for ULT Freezers)
- **Self-Diagnostic Function :**
Automatic Check & Alarm for the Failures in Key Parts
- Real-time Notification of any Failure in the Equipment to the User(s), to the Service Man and to Supplier, through WiRe™ Service



WUF ULT Freezer



WGC Growth Chamber



WIG Incubator



WIG Incubator Temperature Chart

witeg Smart-Lab™ Controller

The witeg Smart-Lab™ Controller is embedded in all of Wisd Smart-Lab™ equipments, which has a lot of useful functions like data recording, Storage management, and self-diagnostic function and so on.

These functions are unique and innovative in the laboratory equipments. And the controller is connected with researcher's Smart phone, tablet or laptop computer through internet, by WiFi, so scientists are able to check all the equipments in the laboratory at any time, and at any place.



» Ergonomic Screen Design

- 4" or 7" Full Touch Screen TFT LCD
- Intuitive User Interface
- No-extra Button, Knob or Switch
- All the main Functions and Parameters are displayed on the Main Screen.
- Simple Touch to set the Temperature, Time, and other parameters



» Automatic Data Recording

- High Resolution Graphic Display
- On-Screen Temperature Chart : Check the Temperature Record Graph on the Screen and could see the Details by Zoom-in & Zoom-out enabled at your finger tips.
- The Recorded Data could be transferred to PC by USB Memory.



» Program Control

- Variable Program Setting for Multiple Patterns with Multiple Segments
- Preview window offered to check simply the input patterns
- Very easy to input and edit patterns



» Self Diagnostic Function

- Automatic Check & Alarm for the Failures in Key Parts of the equipment
- Real-time Notification of any Failure in the Equipment to the User(s), to the Service Man and to Supplier, through WiRe™ Service.
- Implemented by LIN and empowered by WiRe™ Service



» Internet Connectivity with WiFi

- Remote Control is available for all the Equipments in the laboratory using Smart Phone, tablet or on the Web.
- Available WiRe™ App & Web Service

Innovative Technology to Improve
the Quality of Human Life

Smart-Lab™ Equipments

WiRe™ App & Web Service



WiRe™ App & Web service enables gathering, analyzing, and sharing of experimental data, and direct control of the unit is possible as well, anywhere and at any time.

When a defect of the unit occurs, it is processed by self-diagnostic system automatically. If you want to get safe and reliable data comfortably, it's a Smart choice to be Supported by WiRe™ service.

*At anytime, Anywhere you are, and Anyhow, you can check and Control All the Equipment in your Lab **Using Your Smart Phone or on the Web.***

» Features

- Developed by Advanced Web Technology
- Available in all the PCs, Laptops and MACs
- Almost same UI as the Touch Screen Controller on the Equipment is available
- Support all different kinds of Web browser based on HTML Standards
- Offering Android App and Apple iOS App



» WiRe™ Remote Control System

- Anytime, anywhere you are, and anyhow, you can check and control the Freezer in your Lab using your smart phone or web.
- It is possible to monitor and control the Smart-Lab™ equipment through all smart phone, tablet and web without restraint of time and place.



» Device Settings and User Registration

- A single unit can be remote controlled by multiple users
- A single user can remote control multiple units in the Lab
- Smart-Lab™ equipments offer registration of multiple users with simple count information



» Self Diagnostic Function

The Self-Diagnosis System senses a certain defect within the unit, and reports it to the service center through the servers operated by witeg. The Service Center verifies the defects of the unit received, and could offer prompt service.



Display Error Status Reporting

» Smart-Lab™ Equipment lines

- SWIG- / SWIF-Series of General Purpose Incubators
- SWON- / SWOF-Series of General Purpose Ovens
- SWGC-Series of Growth Chambers
- SWUF-Series of Ultra Low Temperature Freezers
- SWCR- / SWCL-Series of Refrigerated Bath Circulators (coming soon)
- SWIR-Series of Low Temperature Incubators (coming soon)
- SWIS-Series of Shaking Incubators (coming soon)
- SWOV-Series of Vacuum Ovens (coming soon)
- SWTH-Series of Temp. & Humidity Chambers (coming soon)
- SWCC-Series of Cold Lab Chambers (coming soon)