

High Quality and Professional Dehumidifying Solutions

- Auto Dry Cabinets
- Ultra Low Humidity Technology
- Heating 40°C Option
- Data Logger and Reader
- N2 Gas Cabinets
- ESD Safe Option



ASI DRY cabinets are suitable for:
Electronics, Semiconductor, Automotive, Aerospace, Pharmaceutical, Food, Biotechnology,
Rubber Processing, Photography, Optics, etc.

Applications

ASIDRY cabinets and desiccators are specially designed to provide optimal ultra-low humidity and moisture-proof storage for sensitive devices such as:

- Components
- Semiconductors
- Liquid Crystals
- Crystal plates
- PCB
- Optical measuring instruments and gauges
- Precise modules, dies or molds
- Powder materials
- Filters
- Fine Chemicals
- Sensors and detectors

Moisture-sensitive components when safely and properly stored in **ASIDRY** cabinets have an indefinite floor-life. micro-cracking or pop-corning during the reflow process is not an issue!



Prevent your components from micro-cracking during reflow with proper humidity storage.

Features

- Auto dehumidifying, stable for long term operation.
- Moisture controlled within 1% - 10% RH.
- Low Energy consumption design.
- High Accuracy measurement and controlling.
- Honeywell moisture sensors, accuracy $\pm 3\%$
- USB interface communication option.

Conforms to IPC/JEDEC J-STD-033B Standard for handling, packing, shipping and use of moisture/reflow sensitive surface mount devices.

HTDP - Humidity and Temperature Display Panel

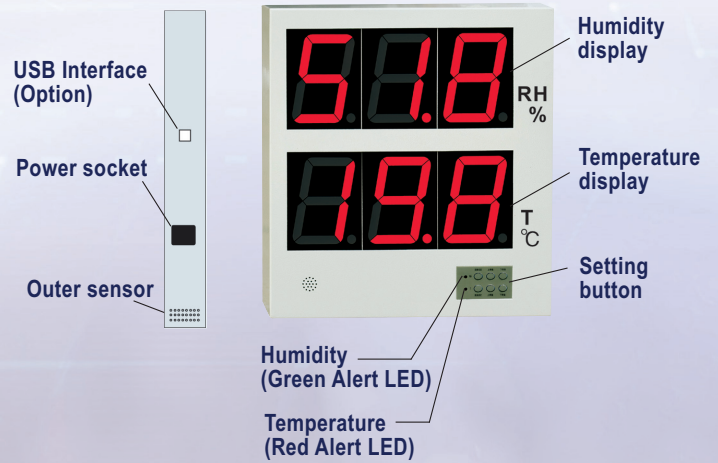
- Uses high accuracy sensor.
- Uses 4" super high luminance digital LED display, which can be seen clearly over 30 meters.

The HTDP is an important tool that helps you to precisely control and monitor your environment by displaying the temperature and relative humidity (whether it is electronics production line, optical, semiconductors, medical, etc.).

ASIDRY incorporates two alert features by buzzer or by flash to alert engineers that the relative humidity or the temperature exceeds the preset data.

The HTDP can save about 50 hours of temperature and humidity data.

By using **ASIDRY** software, HTDP can be connected to a PC using a USB cable to display fluctuations in an easy to read graph format.












Technical Data

Temperature range	-10°C - 60°C
Precision	±1°C
Humidity range	1%RH-90%RH
Precision	±3%RH
Dimension	
Weight	
Power	110/230V (should select voltage in advance)
Power consumption	Low consumption design – less then 5W
Visibility Distance	30m
HTDP software	Option

Auto N2 Cabinets



Fully customizable to any size or specs.

Series	Model	Dehumidify Capacity	Outside Dimension (mm)	Inside Dimension (mm)	Tray No.
ASIDRY 100 	ST 100 SE 100 XS 100 XSN 100 XSF 100	100L	W448×D372×H590	W446×D372×H590	1
ASIDRY 160 	ST 160 SE 160 XS 160 XSN 160 XSF 160	160L	W448×D450×H1010	W446×D422×H848	3
ASIDRY 240 	ST 240 SE 240 XS 240 XSN 240 XSF 240	240L	W598×D400×H1310	W596×D372×H1148	3
ASIDRY 314 	ST 314 SE 314 XS 314 XSN 314 XSF 314	314L	W990×D450×H1010	W898×D422×H848	3
ASIDRY 420 	ST 420 SE 420 XS 420 XSN 420 XSF 420	420L	W900×D600×H1010	W898×D572×H848	3
ASIDRY 540 	ST 540 SE 540 XS 540 XSN 540 XSF 540	540L	W598×D710×H1465	W596×D682×H1298	3
ASIDRY 700 	ST 700 SE 700 XS 700 XSN 700 XSF 700	700L	W598×D710×H1910	W596×D682×H1723	5
ASIDRY 1420-4 	ST 1420-4 SE 1420-4 XS 1420-4 XSN 1420-4 XSF 1420-4	1420L	W1200×D710×H1910	W1198×D682×H1723	5
ASIDRY 1420-6 	ST 1420-6 SE 1420-6 XS 1420-6 XSN 1420-6 XSF 1420-6	1420L	W1200×D710×H1910	W1198×D682×H1723	5

Model Type	Ranges	Operating Mode
ST	20% ~ 55% RH	Adjustable
SE	10% ~ 20% RH	Full-Automatic
XS	1% ~ 5% RH	Full-Automatic
XSN	1% ~ 10% RH	N2 Dry
XSF-EU	1% ~ 5% RH	Fast Dehumidifying

Options	
Heating 40°C	H
ESD Safe paint, for all models	E

Authorized distributor: