

MSD Series

Dry Cabinets



Modular Design
Grows with your demand

MSD SERIES

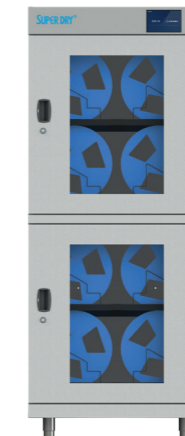
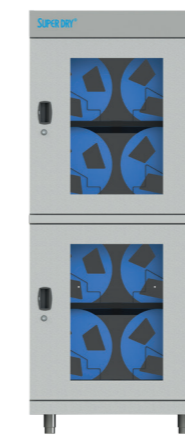
THE CABINET THAT GROWS WITH YOUR DEMAND.



Smart Connect
MSD Series cabinets are ready to be integrated within a network.

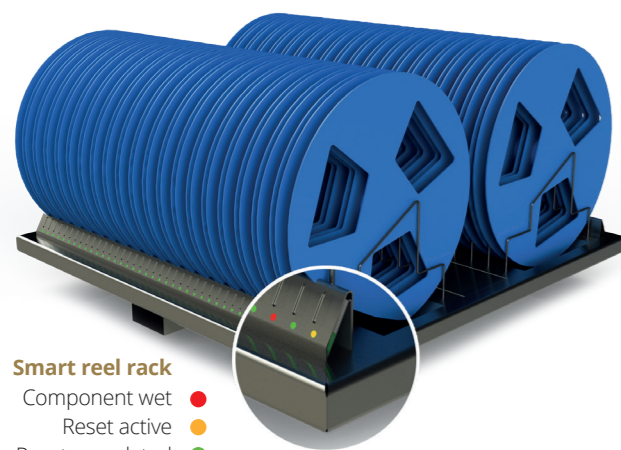
MODULAR DESIGN

The MSD series modular dry cabinets grow with your demand. The cabinet is designed for easy extension to suit your needs. Incorporating our extremely powerful, U-5000 series dynamic dry unit, the basic MSD can be expanded to 3600 litres without the need for an additional dryer on every module. Regeneration times are reduced due to the closed loop control which automatically responds to atmosphere and frequency of door openings, while delivering precise humidity control to $\leq 0.5\%$ RH with traceability to help you achieve your Industry 4.0 objectives.



FEATURES

	MSD1223	MSD 1222-55	MSD 1222-55-S
7" Display	X	✓	X
10" Touchscreen display	X	X	✓
Integrated MSL Software	X	X	✓
Handscanner	X	X	✓
Personal Computer	X	X	✓
Pick by light license	X	✓	✓
Smart Reel Rack	✓	✓	✓
Standard Reel Rack	✓	✓	✓
Smart Connect	✓	✓	✓



Smart reel rack
Component wet ●
Reset active ●
Reset completed ●

Pick by Light



Find what you are looking for
The MSL software has the option to integrate Pick by Light solutions, which will allow visual indication of storage process locations during 'store-in' and 'take out'.

LED statuses when idle
During normal operation (idle), pick by light can optionally actively visualise the status of the location with colours. This function can be enabled or disabled within the MSL software.

Volume optimized MSD SERIES:
MSD 1222 with smart reel racks:
330-360 mm X 8 mm 280 reels per cabinet.
MSD 1223 with Smart reel racks:
330-360 mm X 8 mm 320 reels per cabinet.

Characteristics



U-5000 series dryer:
Air drying to below 0.5% RH
Regeneration: dynamic



Sensor:
Rotronic sensor,
accuracy +/- 0.8% RH
and +/- 0.2°C



Performance:
15 min. recovery time
after door opening to
below 1% RH



Control:
Limit value settings through
display or web interface
Door and humidity alarm
function



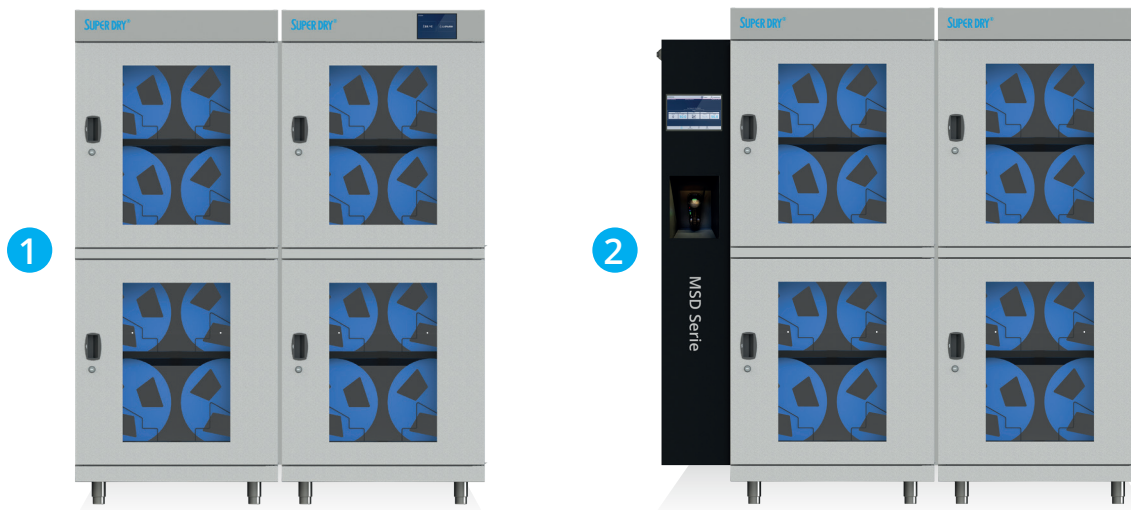
Climate control:
Optional heating up to 40°C
Forced air circulation



Documentation:
Integrated data logger
Climate data recording
Free Totech Viewer software

Smart Connect Cabinets

Storage & MSL Management on many levels



MSL Software

The MSL 2.5 software enables manufacturers of any size to comprehensively maintain control of all their component inventory and particularly their moisture sensitive devices. Whether integrated with existing

ERP and MES systems or used in a standalone fashion, real time monitoring and traceability of moisture sensitive inventory helps manufacturers on the path to achieving their industry 4.0 goals.

