

MIRAI X CRYO

PRODUCT

PORTFOLIO

PROCESS COOLING

FROM -120 °C TO +50 °C

MIRAI X CRYO

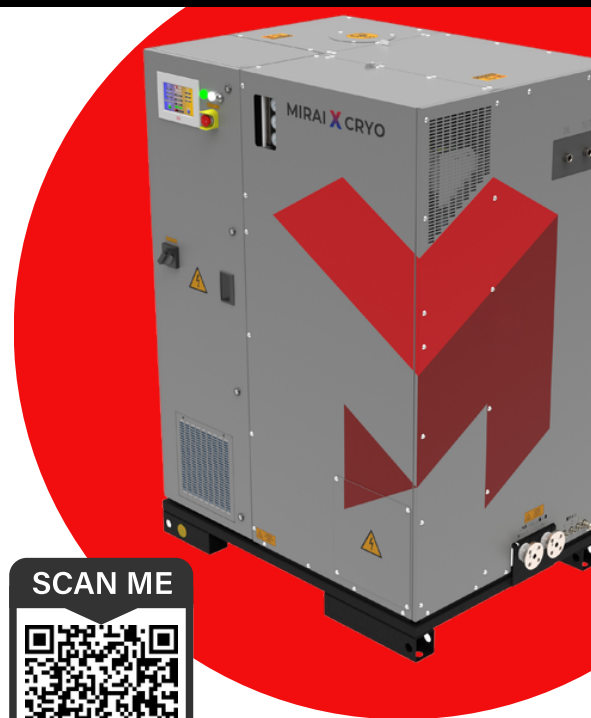


- » MX CRYO 10
- » MX CRYO 15
- » MX CRYO 20
- » MXS CRYO 20

TECHNICAL DATA

MIRAI X CRYO 10/15/20 REF: MX CRYO 10/15/20

REFRIGERANT	Natural Air (R729)
MOTOR POWER	10 kW 15 kW 20 kW
TEMPERATURE RANGE	From -120°C up to +50°C
TEMPERATURE ACCURACY	±0.025°C at idle ±0.5°C under changing load
COMPRESSOR	Mirai Turbo-Compressor (water-cooled)
HEATING	12 kW
PUMP	2.2 kW
DIMENSIONS (HxLxW) ±5 mm	1880x1340x990
POWER SUPPLY	~3 PE+N/3PE, 400 V/440V/480V, 50HZ/60 Hz
SOUND PRESSURE, AT A DISTANCE OF 1 M FROM RM (dB)	Up to 75
HTF CONNECTION	Any, upon customer specifications



DOWNLOAD
DATA SHEET



DOWNLOAD
DATA SHEET

TECHNICAL DATA

MIRAI XS CRYO 20 REF: MXS CRYO 20

REFRIGERANT	Natural Air (R729)
MOTOR POWER	20 kW
TEMPERATURE RANGE	From -120°C up to +50°C
TEMPERATURE ACCURACY	±0.025°C at idle ±0.5°C under changing load
COMPRESSOR	Mirai Turbo-Compressor (water-cooled)
HEATING	12 kW
PUMP	2.2 kW
DIMENSIONS (HxLxW) ±5 mm	1797x940x1360
POWER SUPPLY	~3 PE+N/3PE, 400 V/440V/480V, 50HZ/60 Hz
SOUND PRESSURE, AT A DISTANCE OF 1 M FROM RM (dB)	Up to 75
HTF CONNECTION	Any, upon customer specifications



AIR AS REFRIGERANT
0 GWP, 0 ODP, and 0 TFA
Environmentally friendly
Refrigerant free of charge



NO VIBRATION
Turbo-compressor design
eliminates vibration



LOW OPERATING COSTS
Long equipment lifecycle
Low maintenance



SERVICEABILITY
No leak checks
No refrigerant recovery



ENERGY EFFICIENCY
High cycle efficiency
Inverter driven motor



TEMPERATURE ACCURACY
0.025°C accuracy at idle
± 0.5°C under changing load