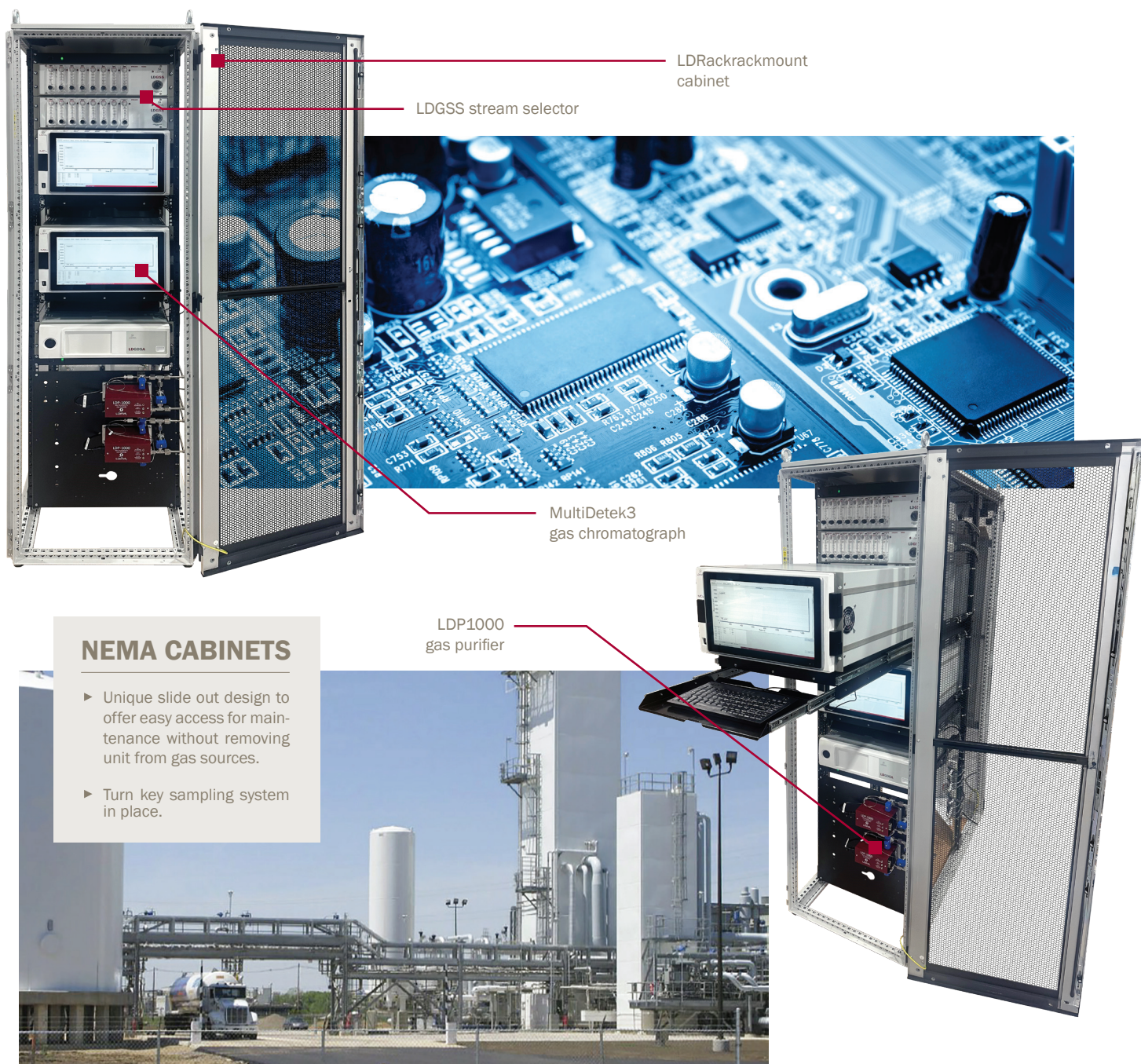


LDrack



SYSTEM INTEGRATION INTO 19" RACKMOUNT CABINETS SEMICONDUCTOR & INDUSTRIAL GASES APPLICATIONS

A large diagram showing a 19-inch rackmount cabinet with its door open. Inside, several components are visible: an LDGSS stream selector at the top, a MultiDetek3 gas chromatograph in the middle, and an LDP1000 gas purifier at the bottom. A red line connects the cabinet to a detailed image of a semiconductor circuit board. Another red line connects the cabinet to a photograph of an industrial gas processing facility. A third red line connects the cabinet to a close-up of the LDP1000 gas purifier unit.

LDGSS stream selector

LD Rackmount cabinet

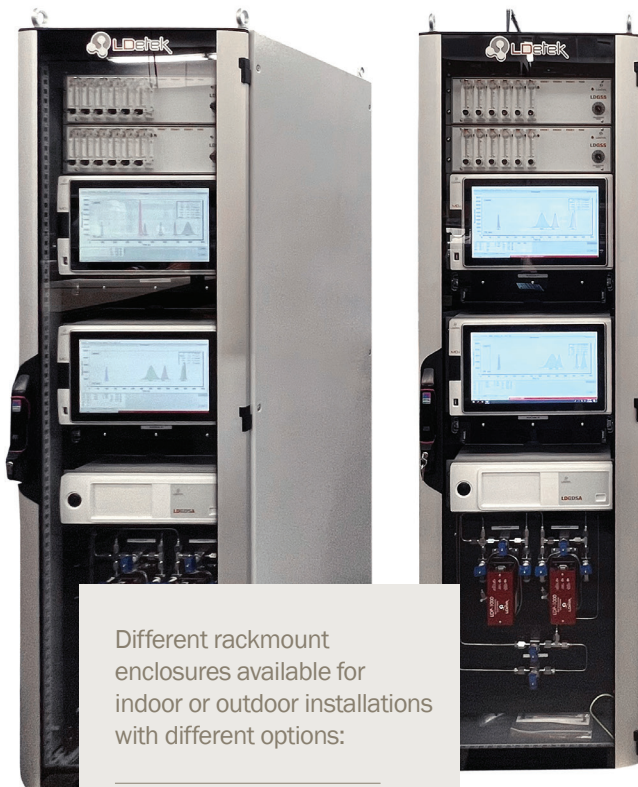
MultiDetek3 gas chromatograph

LDP1000 gas purifier

NEMA CABINETS

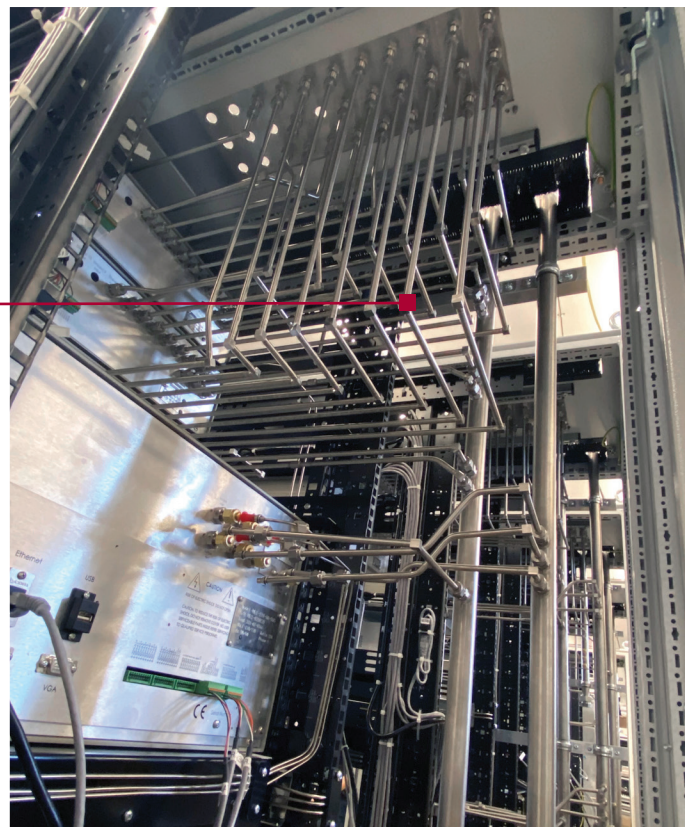
- Unique slide out design to offer easy access for maintenance without removing unit from gas sources.
- Turn key sampling system in place.

A photograph of an industrial gas processing facility, showing large storage tanks, complex piping, and a truck parked in the foreground.



Different rackmount enclosures available for indoor or outdoor installations with different options:

- ▶ Close or open frame
- ▶ Steel cabinet
- ▶ Stainless Steel 304/316
- ▶ AC system
- ▶ Heating system with isolation
- ▶ Orbital welding
- ▶ Third party integration



Stainless Steel cabinets



Front view

Our Stainless-steel version offers the good characteristics for outdoor conditions. It can be offer in 304 or 316 grade depending on the requirements against rusting. The integration of our MultiDetek GCs series is offer using our standard slide out design to offer the best accessibility to the GCs. All our accessories can be mounted by using different of our options available. The integration of third parties' instruments can also be done on request. A lockable front door is also in place. Also the transportation eye bolts are standard on every unit.



Back view

Our Stainless Steel LDRacks comes as also a turnkey solution for the required needs. The cabinet can come with A/C system and isolation for cooling and heating the analytical equipment in order to maintain a stable analytical environment for outside weather conditions. Certified gas piping and electrical cabling are part of our standard systems. Other options have venting chiminea and an hazardous gas sensor can be mounted as option in this type of cabinets when hazardous gases are involved. Contact our experts for more details about the numerous options available to cover your needs.

LDportable



LDetek also offers a portable solution for gas analysis. Its robust transportable rackmount enclosure with carrying handles and wheels is the perfect solution when moving the analyser to different locations is required.



The system allows quick starting mode by having the LDP1000 series integrated gas purifier for carrier and reference gas integrity in place. High purity isolation valves are also mounted to isolate the system against air contamination during transportation. All gas connections are mounted on the back plate for an easy and quick access.



A stream selection system and gas regulators can be mounted on the front panel for proper sample regulation before entering into the analyser.

Gas chromatograph or online gas analyser can be integrated in our solution easily. Our analyser design with its front door gives a full access to inside the instrument easily. An integrated touchscreen interface and PC allows direct access to data. A remote access is also available in all our instruments.

Anti vibration protection system is in place in each corner to minimize the vibrations and reduce the risk to damage the system during transportation.

ORDERING INFORMATION:

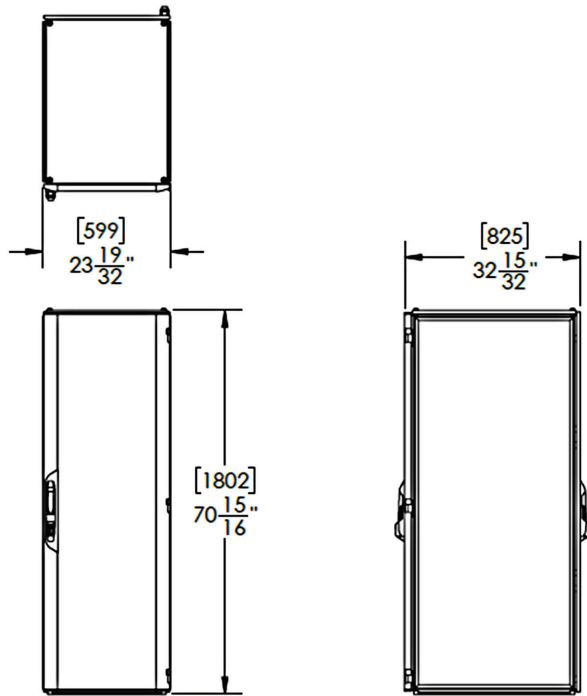
LDRack	-XXX	-X	-X	-X	-XXX	-XXXX	-XXXX	-XX	-XXX
	Operating Voltage: 120 : 120 volts 220: 220 volts	Cabinet Brand: R: Rittal B: Bud P: Pellican H: Hammond	# of streams: 1-20	Isolation valves (3x) for LDP1000 purifier: 1-3	Analyzer mounted on slide out system: 1SO: 1 unit 2SO: 2 units 3SO: 3 units	Inlet Fittings: 2C: 1/8" compression 4SWG: 1/4" compression 2VCR: 1/8" VCR 4VCR: 1/4" VCR	Outlet Fittings: 2C: 1/8" compression 4C: 1/4" compression 2VCR: 1/8" VCR 4VCR: 1/4" VCR 1NPT: 1" NPT manifold pipe 1CP: 1" compression manifold pipe	Heating and cooling system: AC: air conditioning HI: heating and isolation	Additional options: OW: Orbital welding TPA: third party analyser installed TEB: Eyes bolt for lift transport GFD: Glass front door BMD: Back metal door FBD: Fan mounted on back door UPS: UPS battery backup TW: transport wheels H2E: H2 exhaust H2V: H2 safety shutoff valve LEL: LEL hazardous gas sensor

CABINET TYPE:

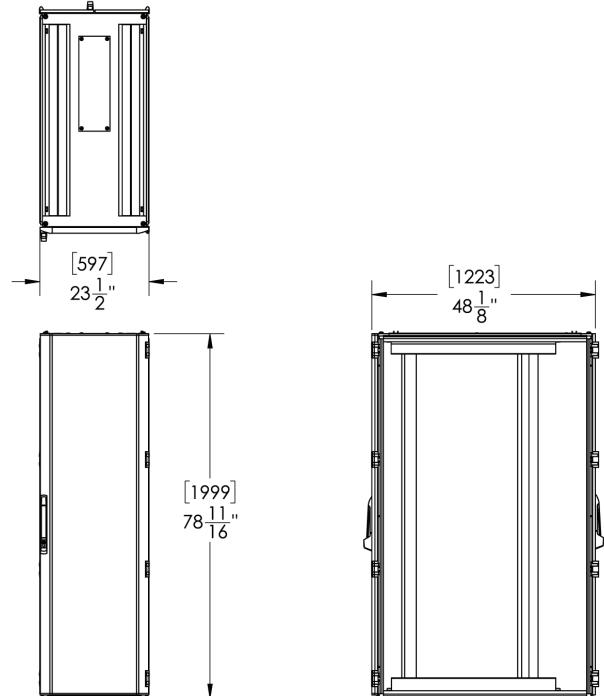
	A/C	Heated/ Isolated	Size 42U	Size 38U	Size 30U	Size 9U	Plastic	Steel	316L SS	304 SS	Color Black	Color Light gray RAL7035	Rackmount 19"	Portable	IP66	Nema 12	Nema 4X	Outside installation (-30C to +40C)
Rittal	✓		✓	✓				✓		✓		✓	✓		✓	✓	✓	
Bud					✓			✓			✓		✓					
Hammond	✓	✓	✓					✓	✓	✓		✓	✓		✓	✓	✓	✓
Pellican						✓	✓				✓		✓	✓				

DIMENSIONS:

Rittal 38U

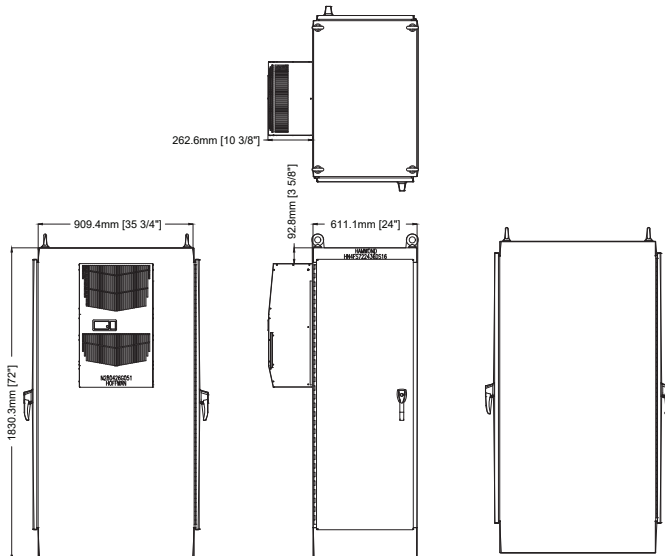


Rittal 42U

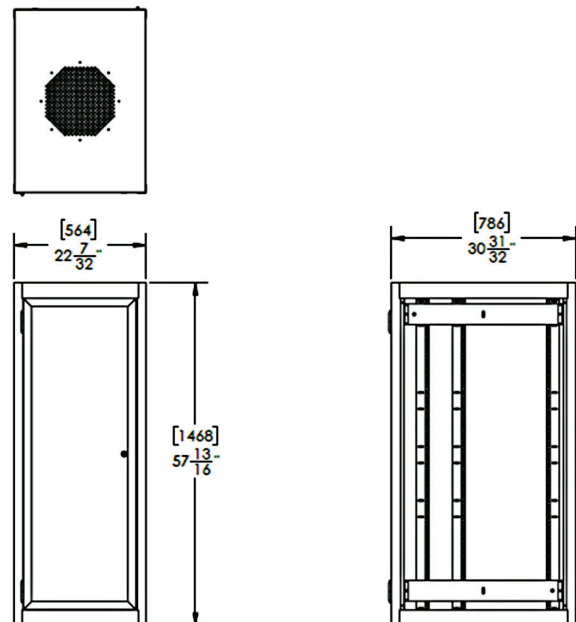


Hammond 42U

Stainless steel (with AC & heating) for outside installation



Bud 30U



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