



PARTS & COMPONENTS CATALOG

Chart UltraDoser 150SE™

Liquid Nitrogen Dosing System

Complete parts list for standard system configurations. All listed part numbers are JoyCan Vendor Numbers.

October 2026



01

System Components

Chart UltraDoser 150SE · Standard configuration plus additional and optional items (tagged)



UltraDoser 150S
Controller with EASE
P/N 2122150
Qty 1 · [Shop online](#) ›

STANDARD



UltraDoser Body
Assembly
P/N 21222
Qty 1 · [Shop online](#) ›

STANDARD



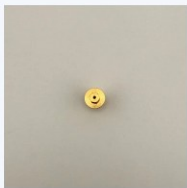
UD 150s EASE Cable
Set, Short
P/N 21434-S
Qty 1 · [Shop online](#) ›

STANDARD



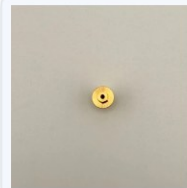
18mm Photoelectric
Sensor, L Bracket
P/N 181605-L
Qty 1 · [Request a quote](#) ›

STANDARD



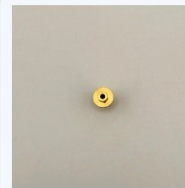
.040" Nozzle
P/N 4040
Qty 1 · [Shop online](#) ›

OPTIONAL



.060" Nozzle
P/N 4060
Qty 1 · [Shop online](#) ›

OPTIONAL



.080" Nozzle
P/N 4080
Qty 1 · [Shop online](#) ›

OPTIONAL



EASE Actuator
Assembly
P/N 5119
Qty 1 · [Shop online](#) ›

STANDARD



UD150S Essentials Kit
II
P/N 511-2145-2
Qty 1 · [Request a quote](#) ›

STANDARD



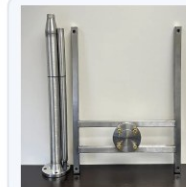
Spare Parts Kit UD
150/E
P/N 1916-211505
Qty 1 · [Shop online](#) ›

ADDITIONAL



Dewar Heated Purge
Kit
P/N 5801
Qty 1 · [Shop online](#) ›

ADDITIONAL



Support Stand Base
with SS 6' Stand
P/N 1919B6
Qty 1 · [Shop online](#) ›

ADDITIONAL



Leveling Feet Kit
P/N LF4FN4
Qty 1 · [Shop online](#) ›

ADDITIONAL



10' Cflex VJ Hose
P/N JF4-10-DM
Qty 1 · [Shop online](#) ›

OPTIONAL



20' Cflex VJ Hose
P/N JF4-20-DM
Qty 1 · [Shop online](#) ›

OPTIONAL



Steinfurth Digital
Pressure Tester
P/N 51620.S
Qty 1 · [Shop online](#) ›

OPTIONAL

02

UltraDoser 150S Controller

P/N 2122150 · UltraDoser 150S Controller with EASE



UltraDoser 150S Controller with EASE

P/N 2122150

STANDARD

[Shop online ›](#)



Controller Mounting Assembly SS

P/N 3131420

In Essentials Kit II

[Shop online ›](#)

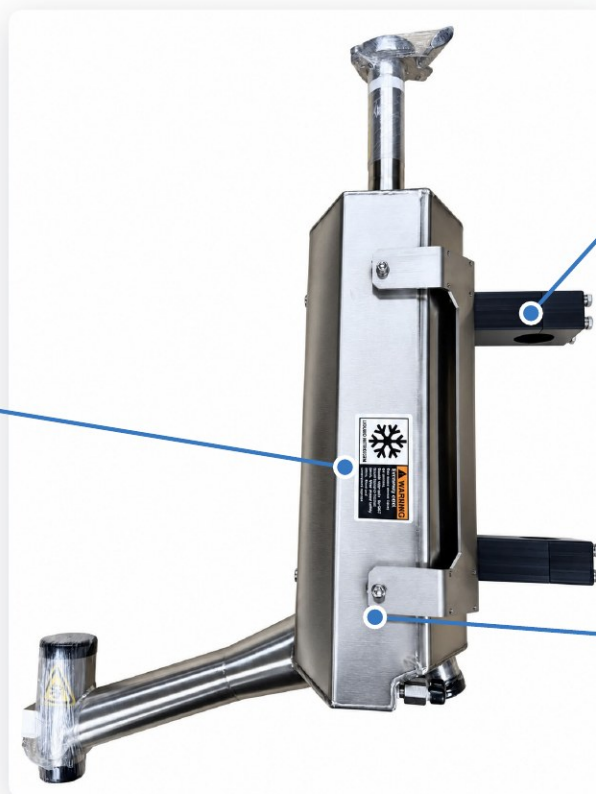
03

UltraDoser Body Assembly

P/N 21222 · UltraDoser Body Assy



UltraDoser Body
P/N 21222.1
[Shop online ›](#)



UD Mounting Bracket
P/N 215132
[Shop online ›](#)



Doser Bracket M6 Screws, 8mm
(x4)
P/N 6-M6-8
[Shop online ›](#)



04

EASE Actuator Assembly

P/N 5119 · EASE Actuator Assy



EASE Actuator Main Housing

P/N 5119.M

[Request a quote ›](#)



EASE Actuator Bottom Spring

P/N 5119B

[Shop online ›](#)



Check Valve, 1/8 NPT

P/N 322.18NPT

[Shop online ›](#)



EASE Actuator Upper Stem

P/N 5119C

[Shop online ›](#)



6mm P2F to 1/8" NPT with Crush

Gasket

P/N 6PF-125141620

[Shop online ›](#)



CDF Actuator Screws (x6)

P/N 6-M4-0.7-10

[Shop online ›](#)



Actuator Washer (x6)

P/N 23-146-315

[Shop online ›](#)



EASE Actuator Bottom Stem

P/N 5119A

[Shop online ›](#)



05

UD 150s EASE Cable Set, Short

P/N 21434-S · Ultra Doser 150s EASE Cable Set, Short



UD Sensor/Heater Cable 6.5', NU
(x2)

P/N 5FDU-5FSN-6.5

[Shop online ›](#)



UD Sensor/Heater Cable 12', NU

P/N 5FDU-5FSN-12

[Shop online ›](#)



Actuator Cable 6'

P/N 12MSN-5FDU-6

[Shop online ›](#)

06

18mm Photoelectric Sensor Kit (Standard)

P/N 181605-L · 18mm Photoelectric Sensor – L Bracket



18mm Sensor Bracket (Stand Alone)

P/N 181902

[Shop online ›](#)



18mm Photoelectric Sensor

P/N 181605

[Shop online ›](#)





Head Heater Assembly,
Cartridge-Style

P/N 80108

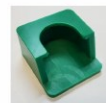
[Shop online ›](#)



Vent Heater Assembly, Fixed-
Style

P/N 80122F

[Shop online ›](#)



Washdown Covers

P/N 233916

[Shop online ›](#)



Washdown Covers (Fixed Style)

P/N 233916-6

[Shop online ›](#)



Power Cable

P/N 1631-10

[Shop online ›](#)



Nozzle Tool

P/N 41313

[Shop online ›](#)



Controller Mounting Assembly
SS

P/N 3131420

[Shop online ›](#)



UD Cable Sleeve 1" ID, 3' OAL

P/N 214319

[Shop online ›](#)



Manual and Fittings (UD150/E)

P/N 136-2141505

UD150S manual + 187-W gasket

[Request a quote ›](#)



High-Temperature Silicone
Rubber Gasket

P/N 187-W

In Manual and Fittings

[Shop online ›](#)

08

Dosing Nozzles

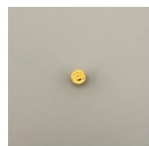
P/N 4020 – 4100 · Dosing Nozzles, Nozzle Organizer Board & Nozzle Plug



.020" Dosing Nozzle
P/N 4020

OPTIONAL

[Shop online ›](#)



.025" Dosing Nozzle
P/N 4025

OPTIONAL

[Shop online ›](#)



.030" Dosing Nozzle
P/N 4030

OPTIONAL

[Shop online ›](#)



.035" Dosing Nozzle
P/N 4035

OPTIONAL

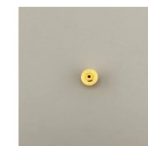
[Shop online ›](#)



.040" Dosing Nozzle
P/N 4040

OPTIONAL

[Shop online ›](#)



.045" Dosing Nozzle
P/N 4045

OPTIONAL

[Shop online ›](#)



.050" Dosing Nozzle
P/N 4050

OPTIONAL

[Shop online ›](#)



.055" Dosing Nozzle
P/N 4055

OPTIONAL

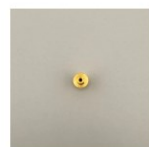
[Shop online ›](#)



.060" Dosing Nozzle
P/N 4060

OPTIONAL

[Shop online ›](#)



.065" Dosing Nozzle
P/N 4065

OPTIONAL

[Shop online ›](#)



.070" Dosing Nozzle
P/N 4070

OPTIONAL

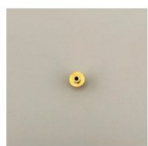
[Shop online ›](#)



.075" Dosing Nozzle
P/N 4075

OPTIONAL

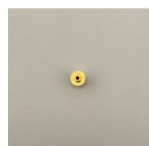
[Shop online ›](#)



.080" Dosing Nozzle
P/N 4080

OPTIONAL

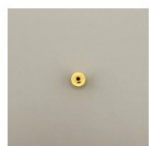
[Shop online ›](#)



.085" Dosing Nozzle
P/N 4085

OPTIONAL

[Shop online ›](#)



.090" Dosing Nozzle
P/N 4090

OPTIONAL

[Shop online ›](#)



.100" Dosing Nozzle
P/N 4100

OPTIONAL

[Shop online ›](#)



Nozzle Organizer Board
P/N 4001

OPTIONAL

[Shop online ›](#)



Nozzle Plug (Red)
P/N 4002

OPTIONAL

[Shop online ›](#)

09

Spare Parts Kit UD 150/E

P/N 1916-211505 · Spare Parts Kit UD 150/E



Washdown Covers (x2)

P/N 233916

[Shop online ›](#)



Heater Cartridge, 15W

P/N 80315

[Shop online ›](#)



EASE Actuator Bottom Stem

P/N 5119A

[Shop online ›](#)



EASE Actuator Bottom Spring

P/N 5119B

[Shop online ›](#)



Heater Cartridge, 10W

P/N 80310

[Shop online ›](#)



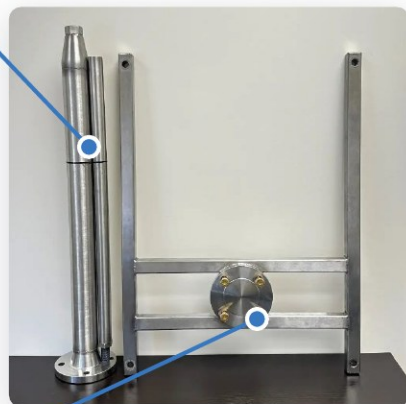
10

Support Stand & Leveling Feet

P/N 1919B6 · Support Stand Base with SS 6' Stand | P/N LF4FN4 · Leveling Feet Kit



**Stainless Steel
Support Stand (6')**
P/N 19196
[Shop online ›](#)



Support Stand Base with SS 6' Stand
P/N 1919B6



Support Stand Base
P/N 1919B
[Shop online ›](#)



Leveling Feet Kit
P/N LF4FN4

**Leveling Feet
(Individual)**
P/N LF4
Qty 4
[Shop online ›](#)



Steel Flange Nuts
P/N 21614
Qty 4
[Shop online ›](#)



LN₂ Supply Hoses & Accessories

P/N JF4-10-DM / JF4-20-DM Cflex VJ Hoses · P/N 232233-22 Whisper Valve + 231613-6296 Bracket · P/N 5801 Purge Kit · P/N 51620.S Pressure Tester



10' Cflex VJ Hose
P/N JF4-10-DM

OPTIONAL

[Shop online ›](#)



20' Cflex VJ Hose
P/N JF4-20-DM

OPTIONAL

[Shop online ›](#)



10 Micron SST Inlet Filter
P/N 9610

OPTIONAL

[Shop online ›](#)



150 PSI Dewar Safety Release Valve Assembly
P/N 1722-1

OPTIONAL

[Shop online ›](#)



CGA 295 Hose End Dust Cap (Inert)
P/N 53295

OPTIONAL

[Shop online ›](#)



Dewar Heated Purge Kit
P/N 5801

ADDITIONAL

[Shop online ›](#)



Steinfurth Digital Pressure Tester
P/N 51620.S

OPTIONAL

[Shop online ›](#)



Whisper Valve for Dewars, Preset to 22 PSI
P/N 232233-22

OPTIONAL

[Shop online ›](#)



Wall Mount Bracket for Whisper Valve, 6' Hose, CGA 295
P/N 231613-6296

OPTIONAL

[Shop online ›](#)

ADF 105 Filler & Dewars

P/N ADF-105 · manual start, automatic shut-off filling station for 160–240 L dewars · 22–125 psi inlet · 115 V (220 V optional)



ADF 105 (Automatic Dewar Filler)

P/N ADF-105

Optional · NEMA 4X, CE

[Request a quote ›](#)

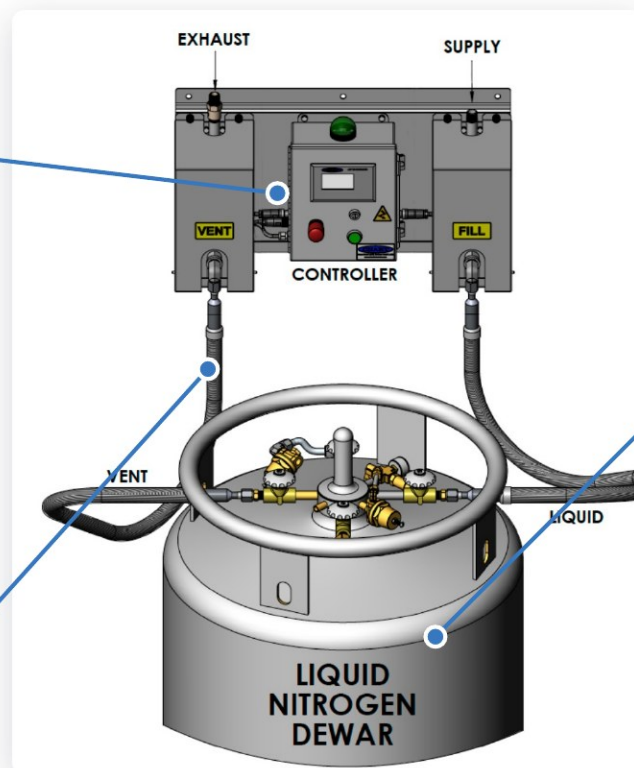


Dewar LN₂ Transfer Hose, 4' NVJ (x2)

P/N NVJ-JF4-4-JF4

Optional

[Shop online ›](#)



LN₂ 230L Dewar, 22 psi

P/N 121424-22

Optional

[Request a quote ›](#)





ORDER PARTS

info@joycan.com

CALL

267-536-2990

VISIT

joycan.com

JoyCan Solutions · 3580 Progress Dr., A-1 · Bensalem, PA 19020

Quote the JoyCan part number (P/N) when ordering. Pricing and availability on request.
CryoDoser is a trademark of Chart Industries. Photos are representative.