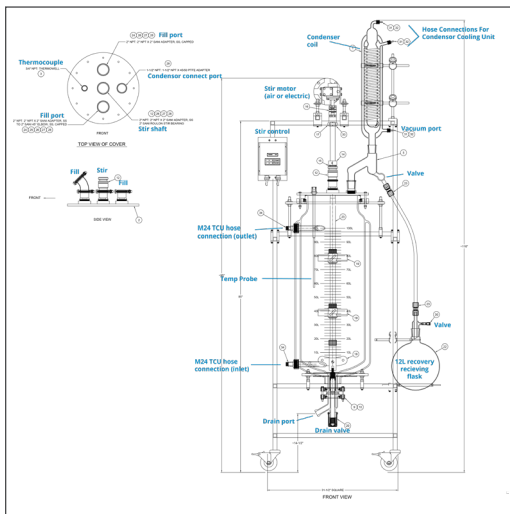


50L & 100L DECARB REACTOR PACKAGES



**HEAT.
STIR.
VACUUM.
SIMULTANEOUSLY!**



Cascade Sciences' offers 50L and 100L Decarb Reactor Packages that are ideal for efficiently decarbing large volumes of crude prior to distillation.

FEATURES

Prevent Breakage - Stainless steel reactor top

Complete Coverage - Top/middle/bottom PTFE stir blades

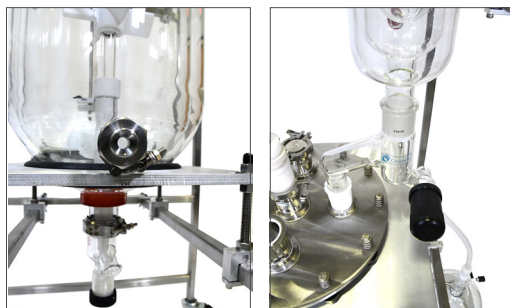
Easy Mobility - Steel, mobile frame with locking casters

Highest Quality -

- USA Borosilicate Glass Jacketed Reactors
- Huber Temp Control
- Agilent Oil-Free Vacuum Pump
- NRTL certified
- Optional Professional Installation (additional cost)

Packages Include -

- Large condensing coil with 12L receiving flask to capture solvents with optional cooling system
- All temp control fluid, hoses, connection hardware
- Virtual Installation Support



HUBER CC-315B
50L REACTOR



HUBER UNISTAT T305
100L REACTOR



AGILENT IDP7 VACUUM PUMP



HUBER MINICHILL 600
OPTIONAL COIL CONDENSOR

SPECIFICATIONS

MODEL	50L REACTOR	100L REACTOR
Part No: (Electric Motor)	50L-DCARB-Pkg-E	100L-DCARB-Pkg-E
Part No: (Air Motor)	50L-DCARB-Pkg-A	100L-DCARB-Pkg-A
Footprint Reactor in Frame, Motor	31.5"W x 86"H x 34"D	31.5"W x 95"H x 34"D
Footprint Reactor, Condensor, Flask	76"W x 100"H x 34"D	76"W x 110"H x 34"D
Footprint Mobile Cart	24"W x 34"H x 26"D	24"W x 34"H x 26"D
GLASS JACKETED REACTOR -60°C to 200°C		
Glass Specification	Borosilicate 3.3	Borosilicate 3.3
Jacket Capacity	17L	30L
Max Jacket Pressure	7.25PSI (.5 Bar)	7.25PSI (.5 Bar)
Coil Condensor	4.15ft2 (cubed)	4.15ft2 (cubed)
Receiving Flask	12L	12L
Drain Port Ground Clearance	18.5"	14.5"
STIR: PTFE TOP/MIDDLE/BOTTOM BLADES		
Leeson Controller AC Variable	Model 174998	Model 174998
Electric Motor Option	1725 RPM (60Hz), 0.5HP	1725 RPM (60Hz), 0.5HP
Electric Motor Power	120V / 1ph / 9.2AMP NEMA	120V / 1ph / 9.2AMP NEMA
Air Motor Option GAST 1AM-NRV	3/4HP, 350RPM	3/4HP, 350RPM
Max Air Consumption	21 CFM	21 CFM
Compliance	UL, CSA, NEMA	UL, CSA, NEMA
HUBER TEMP CONTROL	CC-315B	UniStat T305
Mobile Cart, Fluid, Connections Included		
Temperature Range	+28°C to +300°C	65°C to 300°C
Included Fluid (SiOil to 195°C)	35L	35L
Allow for Expansion	2.5L (0.66 gal)	Expands to 2.8L (.74 gal)
Fill Volume Min	11.5L (3.04 gal)	1.9L (0.5 gal)
Power	230V/1ph/16AMP	208V/3ph/15.5AMP
Compliance	NRTL	NRTL
AGILENT IDP7 VACUUM PUMP, 5.4 CFM (152L Min) / 20 mTorr		
Mobile Cart, Connections Included		
Power	120V / 1ph/ 6AMP	120V / 1ph/ 6AMP
Compliance	NRTL	NRTL
OPTIONAL COOLING - COIL CONDENSOR	MiniChill 600	MiniChill 600
Mobile Cart, Fluid, Connections Included		
Temperature Range	-20°C to 40°C	-20°C to 40°C
Fill Volume Min	2.8L (0.74 gal)	2.8L (0.74 gal)
Expansion Volume	2.2L (0.58 gal)	2.2L (0.58 gal)
Power	115V / 1ph / 8.5AMP	115V / 1ph / 8.5AMP
Compliance	NRTL	NRTL

YOU MAY ALSO LIKE

DRY & DECARB OVENS

Ideal for CO₂ Extractions



503-847-9047

info@cascadesciences.com
cascadesciences.com

VISIT OUR SHOWROOM!

6725 NE Evergreen Pkwy, Ste 106
Hillsboro, OR 97124

FACILITIES

50L

Circuit #1 = 120V / 1ph / 20A for Agilent IDP7 Pump (6AMP) + Stir Motor (9.2AMP)
Circuit #2 = 230V / 1ph / 20A for Huber CC-315B (14AMP)
Optional 115V / 1ph / 20A for Condenser Cooling, Huber Minichill 600 (8.5AMP)

100L

Circuit #1 = 120V / 1ph / 20A for Agilent IDP7 Pump (6AMP) + Stir Motor (9.2AMP)
Circuit #2 = 208V / 3ph / 20A or Huber Unistat T305 (15.5AMP)
Optional 115V / 1ph / 20A for Condenser Cooling, Huber Minichill 600 (8.5AMP)

PROFESSIONAL INSTALLATION & TRAINING AVAILABLE