

20 LITER DECARB REACTOR



COMPLETE DECARB REACTOR SYSTEM

STIR

+

VACUUM

+

DECARB TEMPS



huber

Cascade's 20 Liter Decarb Reactor System is the turnkey solution for decarboxylating oil in large production level quantities.

BENEFITS INCLUDE:

- Less handling, transferring and potential loss of product when moving into decarboxylation
- Efficient - process product faster with a powerful combo of heat, stirring and vacuum simultaneously
- Connect directly to your rotovap for process flow
- Monitor oil temperature inside the reactor in real time

PACKAGE INCLUDES:

- 20 Liter Glass Jacketed Vessel. No heat tape. No thermal blanket.
- Agilent IDP3 Vacuum Pump
- Huber CC-508 - Temperature Control
- Heidolph Hei-TORQUE Core Overhead Stir Motor
- NRTL Certified Components
- All fluids and connections
- Installation

Temperature Probe



Monitor Oil in Real Time



Professional Installation



20 Liter Decarb Reactor System



Stirring
Heidolph
Hei-TORQUE



Vacuum
Agilent IDP3



Temp. Control
Huber CC-508

Visit our showroom!

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SPECIFICATIONS



TEMPERATURE CONTROL: HUBER CC-508

Temperature Range:	-55°C to 200°C
Dimensions (WDH):	410 mm x 480 mm x 764 mm
Weight:	58 kg
Refrigerant:	R1270 (0.15 kg)
Bath Volume:	5 Liters
Power Supply:	230V / 1 ph

STIRRING: HEI-TORQUE CORE

# of Speed Gears:	1
Rotation Speed Range:	20 - 2,000 rpm
Max. Torque:	40 Ncm
Oveheat Protection:	Automatic Cut-Out
Viscosity Max.:	10,000 mPas
Stirring Cap. Max.:	20L
Power Rating Motor	
Input:	120C / 1 ph

VACUUM: AGILENT IDP3

Pump Type:	Oil-free, scroll
Pumping Speed:	2.1 CFM 60 l/m 3.600/hr
Ultimate Pressure:	2.5 x 10 ⁽⁻¹⁾ Torr
Power:	100 - 120V / 1 ph
Motor:	0.16 HP
Inktake Connection:	KF-16
Dimensions:	L 16.02" x W 10" x H 7.3"
Weight:	21 lbs



70" H

22" D

20" W

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