



EXTRACTION

- Vessel volume: 45 L each
- 2 vessels per assembly (total volume of 90 L)
- Extraction temperature range:
 - 35–155°F (1.7–68°C)
- Extraction pressure range:
 - Q-90-S: 500–2,850 psi
 - Q-90-HP: 500–4,800 psi



CONTINUOUS OPERATION

- Dual extraction chambers
- Dual separation lines
- Clog-free operation
- Quick-closure clamps on pressure vessels



CO₂ RECOVERY & STORAGE

- Liquid CO₂ vessels: 2 x 100 L
- CO₂ recovery and recycling
- High-efficiency plated heat exchanger

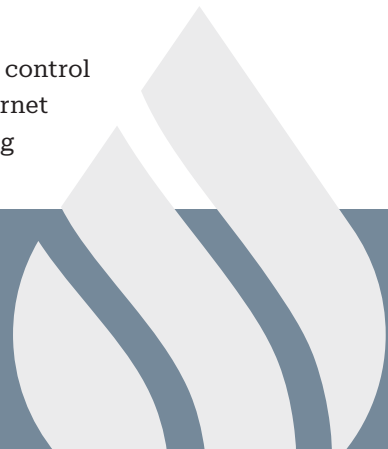


CONTROL PANEL

- Multiple user levels
- Real-time monitoring
- System logging for GMP-compliance
- Independent vessel control
- Cloud / Wi-Fi / ethernet
- Live batch recording



GMP





PUMP SPECIFICATIONS

- Liquid CO₂
- Positive displacement pump
- Maximum flow rate:
 - 8 kg/min at 2,000 psi (depends on configuration)



PHYSICAL SPECIFICATIONS

- System weight:
 - Q-90-S: 5,400 lbs (2,450 kg)
 - Q-90-HP: 6,140 lbs (2,785 kg)
- Footprint (S and HP):
 - 164" × 54" × 115" (L x W x H)
- Power requirements (North America):
 - 460 V / 3 Phase, 60 Hz
- Power requirements (Europe):
 - 400 V / 3 Phase, 50 Hz



SEPARATION & COLLECTION

- 2 cyclonic separators
- 2 secondary separators
- 10 µm secondary separation filter
- Separation temperature range:
 - 40–100°F (4.4–48°C)
- Terpene profile retention



WARRANTY

- Lifetime warranty^Δ on all pressure vessels
- One-year warranty on all other components
- Service plans available



^Δ Defined as 100,000 cycles

* Throughput, run-time, and extraction values for each system are based on specific potency and recovery figures, as well as a specific mill size. Additional factors, including SOPs (standard operating procedures), will also contribute to system performance.





VITALIS

R-200+ S | R-200+ HP | R-400+ S | R-400+ HP

PrimeEx™ R-SERIES +



EXTRACTION

- Vessel volume: 100 L each
- 2 vessels per assembly (total volume of 200 L)
- Extraction temperature range:
 - 35–155°F (1.7–68°C)
- Extraction pressure range:
 - R-200-S: 500–2,850 psi
 - R-200-HP: 500–4,800 psi



CONTINUOUS OPERATION

- Dual extraction chambers
- Dual separation lines
- Clog-free operation
- Quick-closure clamps on pressure vessels



CO₂ RECOVERY & STORAGE

- Liquid CO₂ vessels: 2 x 140 L
- CO₂ recovery and recycling
- High-efficiency plated heat exchanger

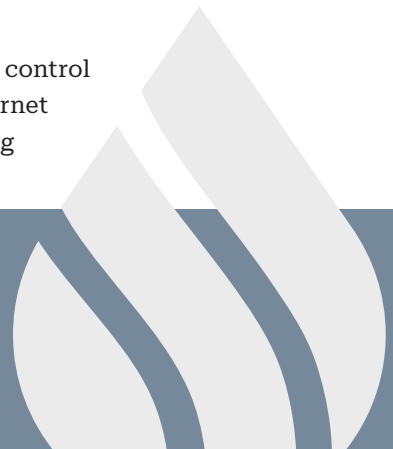


CONTROL PANEL

- Multiple user levels
- Real-time monitoring
- System logging for GMP-compliance
- Independent vessel control
- Cloud / Wi-Fi / ethernet
- Live batch recording



GMP





PUMP SPECIFICATIONS

- Liquid CO₂
- Positive displacement pump
- Maximum flow rate:
 - 8 kg/min at 2,000 psi (depends on configuration)



PHYSICAL SPECIFICATIONS

- System weight:
 - R-200-S: 6,640 lbs (3,020 kg)
 - R-200-HP: 7,900 lbs (3,590 kg)
- Footprint (S and HP):
 - 195" × 124" × 157" (L x W x H)
- Power requirements (North America):
 - 460 V / 3 Phase, 60 Hz
- Power requirements (Europe):
 - 400 V / 3 Phase, 50 Hz



SEPARATION & COLLECTION

- 2 cyclonic separators
- 2 secondary separators
- 10 µm secondary separation filter
- Separation temperature range:
 - 40–100°F (4.4–48°C)
- Terpene profile retention



WARRANTY

- Lifetime warranty^Δ on all pressure vessels
- One-year warranty on all other components
- Service plans available



^Δ Defined as 100,000 cycles

* Throughput, run-time, and extraction values for each system are based on specific potency and recovery figures, as well as a specific mill size. Additional factors, including SOPs (standard operating procedures), will also contribute to system performance.

