VITALIS

Q-90+ S | Q-90+ HP | Q-180+ S | Q-180+ HP

PrimeEx™ Q-SERIES+

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

CO_2 RECOVERY & STORAGE

Liquid CO_2 vessels: 2 x 100 L
CO_2 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

1-866-818-3529 | www.vitalis.ca | info@vitalis.ca

* 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.

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PrimeEx™
Q-SERIES+

PUMP SPECIFICATIONS

- Liquid CO_2
- Positive displacement pump
- Maximum flow rate:
  - 8 kg/min at 2,000 psi (depends on configuration)

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

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

WARRANTY

- Lifetime warranty$^{\Delta}$ on all pressure vessels
- One-year warranty on all other components
- Service plans available

GMP

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Δ Defined as 100,000 cycles

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