

## Knelson QS40 Concentrator [Inventory ID #1661809]



### Knelson QS40 Concentrator

- Make: Knelson Concentrators
- Model: KC-QS40MS
- Series: Quantum Series
- Type: Centrifugal Concentrator
- Style: Enhanced Gravity Concentrator
- Year: 2019
- Condition: Used Condition
- Control: ICS Automation System - KCP-01
  
- General Model Specifications:
  - Maximum Feed Capacity: 275 TPH (250 tonnes/hr.) Solids
  - Maximum Total Volumetric Throughput: 1500 US GPM (340 m<sup>3</sup>/hr.)
  - Feed Size:
    - Maximum: 6mm (1/4")
    - Recommended: 1.7mm (1/16")
  - Feed Density: 0-75% Solids/Weight
  - Min Air Flow Required: 3ft<sup>3</sup>/min @ 90 PSI (5.1m<sup>3</sup>/hr. @ 600 kPa)
  - Concentrator Installation Weight: 7,300 lbs. (3,320 kg) - Not Including Piping
  - Motor: Electric 40-75HP (30-56kW)
  - Fluidization Water (G6 Cone): 185-270 US GPM (42-61m<sup>3</sup>/hr.)
  - Concentrate Weight (G6 Cone): 115-174 Lbs. (52-80kg)

- G-Force Range (G6 Cone): 60-120 G's

- Dimensions:
  - Width: 98in (2488mm)
  - Depth: 86in (2184mm)
  - Height: 91in (2300mm)

- Location: Australia

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