

Portable Cleanroom Vacuum

- meets cleanroom standards up to & including Class 10 (ISO 4)

The GM 80CR is specifically designed and packaged for use in cleanrooms. Through its unique four-stage filtration system, the GM 80CR safely collects and retains fine dust and powders. It comes equipped with an ULPA exhaust filter (captures 99.999% of ultra fine particles, down to and including 0.12 microns). The GM 80CR's motor is interference suppressed so it will not affect electronic equipment in cleanrooms.

Features and Benefits

- In the first stage of separation, a 2.25-gallon capacity disposable paper bag captures the bulk of collected debris.
- Extra-large main filter ensures a steady, even airflow which extends filter life and eliminates premature clogging.
- The microfilter, a final step in pre-filtration, protects the motor and acts as a barrier to even bacteria-size particles.
- Motor thermal protection device prevents overheating caused by failure to keep filters clean or by accidental blockage in a nozzle or hose.
- Conductive plastic hose provides ESD protection.
- The wheeled trolley adds mobility. Glides over all surfaces.
- Positive twist safety latches offer security by preventing the container from opening if the vacuum is dropped.
- The vacuum cleaner and accessories are packaged in cleanroom compatible polyethylene bags to prevent contamination from packing materials during shipping.



Technical Specifications

| Description | Unit | GM 80CR |
|------------------------------|-----------------------------------|-----------------------------------|
| Collection Type | - | Dry |
| Type of Power | - | 1-Phase |
| Voltage @ 60 Hz | V | 115 / 220 |
| Power @ 60 Hz, max. | HP (W) | 1.48 (1100) |
| Waterlift, max. | in. (mm) H ₂ O | 84 (2134) |
| Airflow, max. | CFM (L/min) | 80 (2265) |
| Current, max. | amps | 10 / 5 |
| Container Capacity | gallons (L) | 3.24 (12.3) |
| HEPA Filter Area, downstream | ft ² (m ²) | 3.55 (0.33) |
| ULPA Filter Area, downstream | ft ² (m ²) | 4.95 (.45) |
| Dimensions (L x W x H) | in. (mm) | 14 x 12 x 16 (356 x 305 x 406) |
| Weight | lb. (kg) | 13 (5.9) |
| Cord Length | ft. (m) | 30 (9.1) |
| Protection Class | - | IP40 |
| Sound Pressure Level @ 6' 6" | dB(A) | 61 |

Specifications and details are subject to change without prior notice.

