

# 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 <sub>2</sub> 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 <sup>2</sup> (m <sup>2</sup> )	3.55 (0.33)
ULPA Filter Area, downstream	ft <sup>2</sup> (m <sup>2</sup> )	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.*

