

Enhance ground support safety
while reducing operating costs



TESCOM™ Aircraft Charging Carts

Available in 2, 3, 4 and 6 bottle configurations for
Oxygen, Nitrogen and Helium service



Built-in safety and made to last for a greater return on your investment



Product overview

Emerson's TESCOM™ Aircraft Charging Carts are designed with safety and endurance in mind. The unique block manifold design with cartridge mount feature provides the benefit of safe operation due to reduced leak paths, service time reduction and eliminated excess loss of pressure or media. Our brass manifolds are cleaned and certified for oxygen service, independently tested and verified by Wendell Hull & Associates - leading oxygen experts.

With as much thought and care put into the safety of the manifold pressure control system, the same is true for the entire cart. You'll quickly realize the convenience and maintenance savings from the quick media replacement feature and on-board bottle recharge system. Quality construction is throughout the carts with no detail untouched - from the thick wall steel and heavy duty tires - to the hoses, nuts and bolts.

- Safety is built-in
- Reduced maintenance downtime
- Built to last

Key applications

Commercial and military aircraft ground support

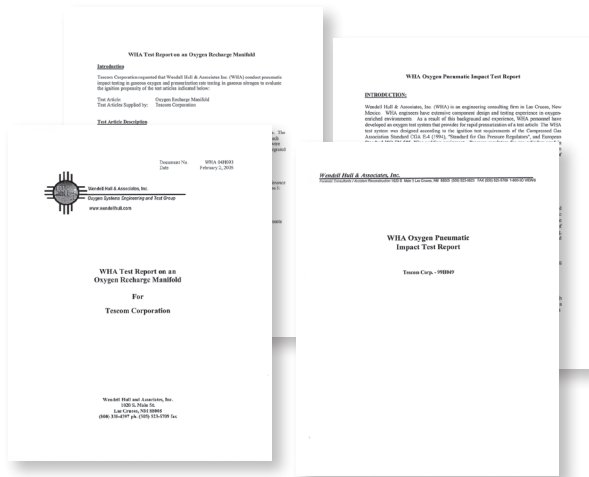
Key specifications

- Oxygen certified. All pressure systems meet ASTM G93 and CGA 4.3 requirements for oxygen, nitrogen and helium service
- 2, 3, 4 and 6 bottle carts, all with tilt design
- Custom colors, graphic and logos available upon request

Safety is top priority - many things could go wrong

Be confident controlling pressures with oxygen and other media

Independently certified for oxygen service by Wendell Hull & Associates



- All pressure systems meet ASTM G93 and CGA 4.3 requirements and service oxygen, nitrogen and helium

Reduce risk of contaminants and leaks by eliminating fittings



- Leak paths are eliminated by integrating all connections
- Reduce the possibility of nicks and burrs on threads that could lead to ignition

Eliminate operator error and reduce potential hazards

Designed to prevent regulator bypass to ensure proper pressure control



- Check valves prevent backfilling and loss of pressure and media

Wheelbase prevents cart tip-over accidents even in the harshest conditions



- All components such as wheels, hoses and posi-lock drop bars are constructed and safely secured for stability and ease of use

Reduce operating costs with less effort

These carts spend more time on the tarmac

Rework time is reduced by 67% or more



- Cartridges allow for easy removal and replacement requiring less time to rebuild

No cart returns or complaints in 20 years of production

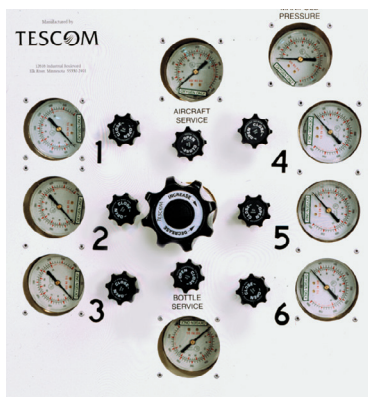


- Field-tested and proven - carts are designed after industry leading baggage carts

Smarter design offers smarter savings

Robust design

- Manifold design internalized connections and bodies reduce:
 - Corrosion
 - Damage to fittings
- Pressure control instrumentation is shielded from weather

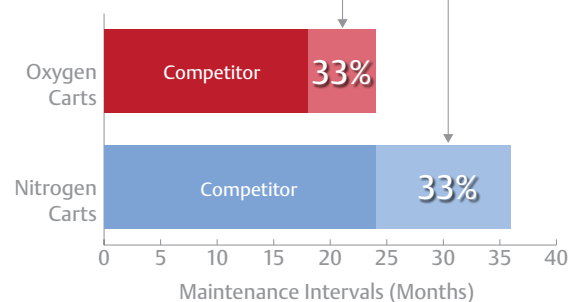


Real results

A major US Airline made the switch to the TESCOM™ Aircraft Charging Carts from their existing carts. They often had to rebuild purchased carts or build the carts themselves from scratch.

Their switch to TESCOM Aircraft Charging Carts resulted in longer maintenance intervals and reduced costs.

TESCOM Charge Carts extended maintenance intervals by



Charging carts that are built for safety, built to last and deliver unbeatable value

- Manifold design minimizes potential leak paths
- Modular block design with cartridge components significantly reduces service time
- On-board recharge system eliminates time-consuming bottle removal
- Easy to access and read control panel

Two bottle cart

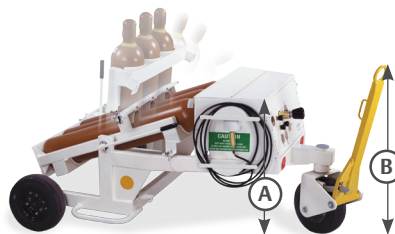


- Charge service options:
 - Oxygen
 - Nitrogen
 - Helium

Specifications

Weight	300 lbs / 136 kg
Capacity	300 lbs / 136 kg
Width	32.5 in. / 82.55 cm
Length	36.0 in. / 91.44 cm
Height	64.0 in. / 162.56 cm

Three and four bottle carts



- Charge service options:
 - Oxygen
 - Nitrogen
 - Helium

Specifications

Weight	900 lbs / 408.2 kg
Capacity	450 lbs / 204.1 kg
Width	58.5 in. / 148.59 cm
Length	88.5 in. / 224.79 cm
Height A	40.5 in. / 102.87 cm
Height B	67.5 in. / 171.45 cm

Six bottle cart



- Charge service options:
 - Oxygen
 - Nitrogen
 - Helium
- Optional ladder

Specifications

Weight	1760 lbs / 798.3 kg
Capacity	900 lbs / 408.2 kg
Width	54.5 in. / 138.43 cm
Length	95.0 in. / 241.3 cm
Height	82.5 in. / 209.55 cm
Optional Ladder	12.0 ft / 3.65 m

Options available for all carts

- Booster pump (Nitrogen and Helium)
- Galvanized frame
- Custom paint colors

Contact us for additional customized solutions.

Increase safety and reduce maintenance downtime



TESCOM™

Our distribution network offers a full complement of sales and support staff, and more than 2000 technical experts strategically located across nearly 200 locations.

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