

PRODUCT BROCHURE

GO-cart™

MOBILE SOLUTION FOR AMC MONITORING



Our mobile GO-cart is easy to move around the fab and comes with the following features:

- Space for up to three T-I Max analyzers with low-power, fanless vacuum pumps
- No calibration, maintenance or consumables required (for both cart and analyzers)
- Top-mounted central control touchscreen
- Integrated UPS backup power supply (optional)
- Conductive ESD paint (optional)

Your Flexible Solution for AMC Monitoring

Surveying different micro-environments in a fab is now fast and easy with our GO-cart™, the mobile solution for monitoring Airborne Molecular Contaminants (AMCs). It can be equipped with any combination of T-I Max analyzers to monitor simultaneously and in real-time for the most critical

contaminants in cleanroom air: NH₃, HCl and HF (other analytes available as well). All analyzers come with a compact, low-power, fanless vacuum pump optimized for cleanroom operation.

GO-cart – Mobile Solution for AMC Monitoring

The GO-cart fits up to three T-I Max series analyzers

- T-I Max NH₃
- T-I Max HCl
- T-I Max HF
- other analytes available



Central 10.4" control touchscreen for all installed analyzers

Robust all-metal construction with two standard paint options (custom colors available)

- Standard paint (win gray)
- Conductive ESD paint

Optional UPS backup power supplies

- Standard UPS (runs 1 analyzer+pump for approximately 1 hour)
- High-Capacity UPS with additional battery (runs 1 analyzer+pump for approximately 2 hours)

GO-cart Specifications

Dimensions (H x W x D)	50" x 23" x 36" (127 cm x 58 cm x 91 cm)
Weight (w/o analyzers)	260 lbs (118 kg)
Body material	Aluminum

Performance in cleanroom air

	Range	LDL (3σ@100s)	Accuracy at zero	Speed of Response (T10/90+T90/10)
T-I Max HF	0 – 1 ppm	20 ppt	± 20 ppt	< 3 minutes @ 20 ppb
T-I Max HCl	0 – 4 ppm	100 ppt	± 100 ppt	< 30 seconds @ 20 ppb
T-I Max NH ₃	0 – 40 ppm	300 ppt	± 300 ppt	< 3 minutes @ 20 ppb

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Process Insights manufactures and delivers premium sensors, monitors, detectors, analyzers, instrumentation, and software that are mission-critical to keep your operations, personnel, and the environment safe – every day across the globe.

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REVOLUTIONIZING MEASUREMENT

EVERYWHERE