

PRODUCT BROCHURE

GO-cart™

MOBILE SOLUTION FOR AMC MONITORING



Monitor AMC Hot Spots with the GO-cart and T-I Max Product Line

- Monitor NH_3 , HCl and HF with three T-I Max analyzers or a single T-I Max X3
- Freedom to roam the Fab for hours without auxiliary gas standards, CDA or vacuum lines
- Top-mounted central control touchscreen
- Integrated UPS backup power supply (optional)
- Low-power fanless and oil free vacuum pump

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 the most critical contaminants in cleanroom air: NH_3 , HCl and HF. One low-power, fanless and oil free vacuum pump and a UPS is all that's required to operate untethered for hours.

GO-cart – Mobile Solution for AMC Monitoring



Configure with up to three T-I Max single species series analyzers

- T-I Max NH_3
- T-I Max HCl
- T-I Max HF

Optional UPS backup power supplies

- Standard UPS runs analyzers + pump for approximately 4 hours
- High-Capacity UPS with additional battery runs analyzers + pump for approximately 8 hours

Central 10.4" control touchscreen for all installed analyzers

Configure with one T-I Max X3 series analyzer

- T-I Max X3 analyzing NH_3 , HCl and HF simultaneously and continuously in one unit

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

- Standard paint (win gray)
- Conductive ESD paint

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 (3 σ @100s)	Accuracy at zero	Speed of Response (T10/90+T90/10)
T-I Max HF	0 – 1 ppm	40 ppt	± 40 ppt	< 3 minutes @ 20 ppb
T-I Max HCl	0 – 4 ppm	100 ppt	± 100 ppt	< 3 minutes @ 20 ppb
T-I Max NH_3	0 – 40 ppm	300 ppt	± 300 ppt	< 3 minutes @ 20 ppb

GAIN REAL-TIME INSIGHT INTO YOUR PROCESS

Process Insights delivers premium analytical sensors, analyzers, instrumentation, software and solutions that are mission-critical to keep your operations, personnel, and the environment safe. Our commitment to customer satisfaction is evident through our diverse range of products, programs, and services, designed to accommodate various budgets and application needs.

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