

MM2 Military Mobile CWA Detection and Identification (GC/MS)



MM2 is a military, hardened, mobile and lightweight quadrupole GC/MS system. It identifies most organic chemicals in soil, water and air and detects all threat-relevant Novichoks. With a volume of 43 litres and a weight of 35 kg, it is easily mounted in military and civilian vehicles.

- 01 Chemical warfare agent identification
- 02 All threat-relevant Novichoks
- 03 Mounts in military and civilian vehicles
- 04 No bottled carrier gas needed

Technical data

BRAND	Bruker
MODEL	MM2 Military Mobile CWA Detection and Identification (GC/MS)
DETECTED THREATS	Chemical warfare agents (CWA) · Toxic industrial chemicals (TIC)
DEPLOYMENT	Portable · Vehicle / ship mounted
DETECTION TECHNOLOGY	Quadrupole GC/MS with membrane inlet
SAMPLING	Sample introduction by syringe, Tenax tubes and SPME
RESPONSE / RESULT TIME	Within 15 minutes using complementary sampling techniques
SENSITIVITY	Low ppb to low ppm range, depending on the analytical procedure
SUBSTANCE LIBRARIES	Bruker CWALib (optional), TICLib (toxic industrial compounds) or a customer-specified library
POWER SUPPLY	Low power consumption
WEIGHT	35 kg
DIMENSIONS	43 litres volume
MAINTENANCE AND CALIBRATION	No bottled carrier gas needed; consumables replaced quickly and easily at operator level (Level 1)
RUGGEDNESS	Ruggedised to military standards
ACCESSORIES AND OPTIONS	Surface probe; gas chromatograph with thermal desorption