



LUBRISENSE



Product Datasheet Pikal M

Functional principle	Droplet evaporation in hot carrier gas
Target concentration	1ppb to 1000 ppm by weight ¹⁾
Target substances	Compatible with a broad range of substances, including but not limited to oil and fuels, esters, alcohols, carboxylic acids, aldehydes, ethers, glycols.
Dilution substances	Typically hexane, alcohols or water
Carrier gas	Dry Air or Nitrogen. Custom options available upon request. Gas flow up to 15 l/min.
Evaporation temperature	100...420°C
Achievable dosing accuracy	Typical: 2.2% (95% CI) ²⁾
Power supply	100-120VAC / 200-240VAC, 50-60Hz
Power consumption	Average 200-300 W, Peak 800W
Operating temperature range	5°C ... 35°C
Storage temperature range	-20°C ... 40°C
Operating pressure range	800 mbar ... 1200 mbar abs.
Humidity range	10% ... 90% RH, non condensing
Enclosure	Thermoplastic trolley case, IP 66 when closed
Dimensions	366mm x 500mm x 625mm (LxWxH)
Weight	27 kg
EMC compliance	EN IEC 61326-1 (2021)

¹⁾ Possible target concentrations and substances depend on compatibility to the exposed materials. Contact Lubrisense for more information.

²⁾ Depending on application, temperature and atmospheric pressure.