

## A truly miniaturized multi-gas analyser

Tunable's commitment to miniaturization continues. All the benefits and qualities in our existing gas analysers are now presented in a miniaturized package.

Our microT product offers robust and versatile multi-gas analysis in an unprecedented size.

Features include small scale, low weight, and low power consumption. It has a flexible scanning range, rendering analysis of virtually all gases that absorb in the infrared spectrum possible.

Moreover, there is no need for a sampling system. Target gases enter the analyser by diffusion, with response times (T90) in the order of seconds.

Our innovative product can be used in applications within distributed and portable gas analysis that previously were impossible.

Application areas include process analysis, emission monitoring, leak search and detection, environmental monitoring, and occupational health.

### Typical ratings

LDL and accuracy*:	As low as 1 - 10 ppm
Size:	10 x 10 x 4 cm
Weight:	390 g
Detectable gases include**:	CO, CO <sub>2</sub> , NO, NO <sub>2</sub> , SO <sub>2</sub> , CH <sub>4</sub> and other hydrocarbons
Power:	5 V, USB
Consumption:	< 2 W
Interface:	USB (VCOM)

\* depending on application

\*\* gases and combination of gases detectable in any selected wavelength between 2 µm and 14 µm



### Unique technology

Our proprietary and patented MEMS technology provides real-time gas analysis in micro-format with no need for consumables.

The analyser utilises infrared absorption spectroscopy technology.

Using the optical filter, the analyser can continuously scan the infrared spectrum and selectively target gases of interest.

