

## DynamiQ-R gas analyzer



- Composition analysis by micro gas chromatography
- Designed for continuous monitoring in 19" racks
- Custom space and configurable up to 4 GC ovens
- Fast and accurate
- Low consumption and easy maintenance
- 3-stream selector integrated
- Calculations included, e.g., ISO6976-2016
- Automatic sequence programming, autocalibration

### DynamiQ-R specifications

<b>Operating temperature</b>	5 ... 55 °C / 41 ... 131 °F
<b>Storage temperature</b>	-20 ... 60 °C / -4 ... 140 °F
<b>Moisture</b>	5 ... 95 %
<b>Power supply</b>	110 ... 240 VDC
<b>Power consumption</b>	150 W max
<b>Dimensions</b>	440 x 483 x 172 mm / 17.3 x 19.0 x 6.8 "
<b>Weight</b>	< 20 kg / 44 lb.
<b>Gas ports</b>	1/16" VICI
<b>Carrier gas</b>	He, Ar, N <sub>2</sub> , or H <sub>2</sub>
<b>Carrier gas input pressure</b>	450 ± 5% kPa
<b>Carrier gas consumption</b>	15 ml/min typical
<b>Sampling</b>	Pressurized or atmospheric (integrated pump)
<b>Sample pressure</b>	10 ... 200 kPa
<b>Sample streams</b>	3 (optional more)
<b>Detectors</b>	Foreflush and backflush micro TCD
<b>Detection limit</b>	500 ppb ... 100% (application dependent)
<b>Cycle time</b>	15 ... 60 s (typical)
<b>Repeatability</b>	<0.05 % RSD (typical)
<b>Communications supported</b>	Digital I/O, RS232, RS485, Ethernet
<b>Protocols supported</b>	Modbus / TCP
<b>Memory storage</b>	Up to 256 GB
<b>Conducted emission, test with a LISN</b>	EN 55011 (2009) + A1 (2010)
<b>Radiated emission up to 1 GHz (SAC)</b>	EN 55011 (2009) + A1 (2010)
<b>Harmonics &amp; Flicker</b>	EN-IEC 61000-3-2 (2014) & EN-IEC 61000-3-3 (2013)
<b>ESD</b>	EN-IEC 61000-4-2 (2009)
<b>Radiated Immunity</b>	EN-IEC 61000-4-3 (2006) + A1 (2008) + A2 (2010)
<b>EFT &amp; Surge</b>	EN-IEC 61000-4-4 (2012) & EN-IEC 61000-4-5 (2014)
<b>Conducted Immunity</b>	EN-IEC 61000-4-6 (2014)
<b>Power frequency magnetic field</b>	EN-IEC 61000-4-8 (2010)
<b>Voltage dips and interruptions</b>	EN-IEC 61000-4-11 (2014) + A1 (2017)