

# Guide gas measurement

|                          | LaserGas™ iQ² ** | LaserGas™ Q | LaserGas™ III SP | LaserGas™ III OP | LaserGas™ III Portable | LaserGas™ II SP | LaserGas™ II Compact | LaserGas™ II MP | LaserGas™ II OP | LaserGas™ II R2P | LaserDust™ |
|--------------------------|------------------|-------------|------------------|------------------|------------------------|-----------------|----------------------|-----------------|-----------------|------------------|------------|
| CH4                      |                  |             |                  |                  |                        | •               | •                    | •               | •               | •                |            |
| CO %                     |                  |             |                  |                  |                        | •               | •                    |                 |                 |                  |            |
| CO2 %                    |                  |             |                  |                  |                        | •               | •                    |                 |                 |                  |            |
| CO % + CO2 %             |                  |             |                  |                  |                        | •               | •                    |                 |                 | •                |            |
| CO ppm                   | •                |             | •                | •                |                        | •               | •                    | •               | •               | •                |            |
| CO ppm + CH4             | •                |             | •                | •                |                        | •               | •                    | •               |                 | •                |            |
| CO ppm + H2O %           | •                |             | •                |                  |                        | •               | •                    |                 |                 |                  |            |
| CO2 ppm                  |                  |             |                  |                  |                        | •               | •                    | •               |                 | •                |            |
| H2O %                    |                  |             |                  |                  |                        | •               | •                    |                 |                 |                  |            |
| H2O ppm                  |                  |             |                  |                  |                        |                 | •                    |                 |                 |                  |            |
| H2S                      |                  |             |                  |                  |                        | •               | •                    | •               | •               | •                |            |
| H2S + CO2                |                  |             |                  |                  |                        | •               | •                    | •               | •               |                  |            |
| HCl                      |                  |             |                  |                  |                        | •               | •                    | •               | •               | •                |            |
| HCl + H2O %*             |                  |             |                  |                  |                        | •               | •                    |                 |                 | •                |            |
| HCl + CH4                |                  |             |                  |                  |                        | •               | •                    | •               | •               |                  |            |
| HCl in VCM               |                  |             |                  |                  |                        | •               | •                    | •               |                 |                  |            |
| HCN                      |                  |             |                  |                  |                        | •               | •                    | •               |                 | •                |            |
| HCN + NH3                |                  |             |                  |                  |                        | •               | •                    | •               |                 | •                |            |
| HF*                      |                  |             |                  | •                | •                      | •               | •                    |                 | •               |                  |            |
| HF + H2O                 |                  |             |                  |                  | •                      | •               | •                    |                 |                 |                  |            |
| N2O %                    |                  |             |                  |                  |                        | •               | •                    |                 |                 |                  |            |
| N2O ppm                  |                  |             |                  |                  |                        | •               | •                    | •               |                 |                  |            |
| NH3                      |                  |             | •                | •                |                        | •               | •                    | •               | •               | •                |            |
| NH3 + H2O %*             |                  |             | •                |                  |                        | •               | •                    |                 |                 | •                |            |
| NO                       |                  | •           |                  |                  |                        | •               | •                    | •               |                 |                  |            |
| NO2                      |                  | •           |                  |                  |                        | •               | •                    | •               |                 |                  |            |
| O2                       | •                |             | •                | •                |                        | •               | •                    | •               |                 | •                |            |
| O2 + Temperature         | •                |             | •                |                  |                        | •               | •                    |                 |                 |                  |            |
| Particles                |                  |             |                  |                  |                        |                 |                      |                 |                 |                  | •          |
| SO2                      |                  | •           |                  |                  |                        |                 |                      |                 |                 |                  |            |
| C2H2 (Acetylene)         |                  |             |                  |                  |                        | •               | •                    | •               |                 |                  |            |
| C2H4 (Ethylene)          |                  |             |                  |                  |                        | •               | •                    |                 |                 |                  |            |
| C2H3Cl (VCM)             |                  |             |                  |                  |                        | •               |                      |                 |                 |                  |            |
| C2H4O (Ethyleneoxide)    |                  |             |                  |                  |                        | •               |                      |                 |                 |                  |            |
| C3H6 (Propylene)         |                  |             |                  |                  |                        | •               |                      |                 |                 |                  |            |
| CF4 (Tetrafluoromethane) |                  | •           |                  |                  |                        |                 |                      |                 |                 |                  |            |
| CH2O (Formaldehyde)      |                  |             |                  |                  |                        | •               | ***                  | ***             |                 |                  |            |
| CH3I (Methyl Iodide)     |                  |             |                  |                  |                        | •               | ***                  | ***             |                 |                  |            |
| COS (Carbonyl sulfide)   |                  |             |                  |                  |                        | •               | ***                  | ***             |                 |                  |            |
| C3H3N (Acrylonitrile)    |                  |             |                  |                  |                        | •               | ***                  | ***             |                 |                  |            |
| CH2Cl2 (DCM)             |                  |             |                  |                  |                        | •               | ***                  | ***             |                 |                  |            |
| H2                       |                  |             |                  |                  |                        | •               |                      | •               |                 |                  |            |

List of gases and gas combinations NEO Monitors can measure with the LaserGas™ and LaserDust™ product lineup. New gases and combinations are constantly being investigated and added to this list.

\* LaserGas™ II SP with TÜV/MCERTS certification | \*\* LaserGas™ iQ² : H2O in combination with CO (T > 500 °C) | \*\*\* Contact NEO Monitors | • Upcoming gases