# Technical Information

## Metrohm Process Analytics 2026 Titrolyzer

## Typical Performance

The 2026 Titrolyzer is the next generation of online process analysis instrumentation, designed to run 24/7 with the highest precision and most accurate results to ensure your process runs smoothly and your profits stay high. Indicated below is the **typical** performance of a 2026 Titrolyzer as measured with standard materials placed in the analyzer sample interface.

| Technical Information | |
|---|---|
| **Method** | Titration, Direct Measurement, Standard Addition |
| **Range (approximate)** | mg/L to g/L; g/L to % |
| **Analysis** | Batchwise |
| **Inaccuracy** | typically 1–2%, application-dependent |
| **Repeatability** | typically 1–2%, application-dependent |
| **User interface** | 7" Full Color Touchscreen |
| **Data communication** | Ethernet: Modbus TCP/IP, Modbus RTU (RS485), or VNC |
| **Analog outputs** | 2 × 0/4–20 mA outputs for measured data |
| **Digital output** | 5 × DO Relays (potential free) |
| **Digital input** | 4 × DI 24V DC or potential free:<br>1 × remote START, 1 × remote STOP, 2 × reagent LEVEL detector |
| **USB output** | USB port for memory stick |
| **Alarms** | 5 × DO relays: 1 for use as an external trigger/device, 4 others for Results Alarm and analyzer states (e.g. warning error, running) |
| **Conformity** | CE |
| **Protection class** | IP66, class 1 |
| **Housing material** | «Electronics» cabinet: SS304, Polyester powder coated<br>«Wet Part» cabinet: SS316, Polyester powder coated<br>Cabinet door: Polystyrene, Polyurethane coated |
| **Weight** | 21 kg |
| **Dimensions in mm (W/H/D)** | 326/572/273 |
| **Sample streams** | 1 to 2 (one additional stream for special functions e.g. validation or cleaning) |
| **Sample volume** | Maximum working volume: 100 mL |

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# 2026 Titrolyzer Installation Information

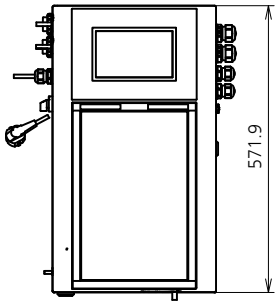
## 202X Process Analyzers

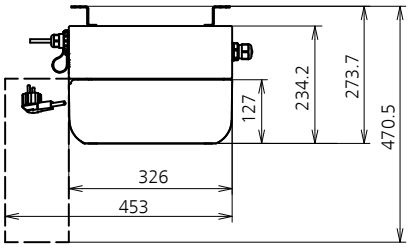
Our Process Analyzers are designed to provide precise and accurate results while operating in harsh environments. Please observe the following guidelines when selecting and installing your 202X Process Analyzer.

| Site Requirements | |
|---|---|
| **Operating Temperature Range** | 5–40 °C (41–104 °F) |
| **Relative Humidity** | 20–80% RH decreasing linearly to 50% between 31–40 °C, non-condensing |

| Electrical Requirements | |
|---|---|
| **Operating Voltage** | 100–240 AC 50/60 Hz |
| **Power Consumption** | 350 W maximum |

| Sample Requirements | |
|---|---|
| **Pressure** | < 1 bar |
| **Temperature** | < 70 °C |
| **Other considerations** | Preconditioning measures are sample-dependent and process-specific. |

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Subject to modifications
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