PRODUCT DATASHEET

# Free-Standing Outdoor Analyser Panel with Sun Canopy

Free-standing analyser panel with sun canopy, sample conditioning and Ex junction boxes for field analysers

Product page





Close-up: sample conditioning plate and junction boxes

## OVERVIEW

The Tech Inc. Free-Standing Outdoor Analyser Panel with Sun Canopy mounts a field analyser and everything it needs on one free-standing stainless frame under a sun canopy, so it can stand next to the sample point instead of in a shelter.

## TYPICAL DESIGN DATA

| | |
|---|---|
| **Frame and plate** | 316 stainless, free-standing, about 2.2 m high including canopy |
| **Canopy** | Stainless or GRP, sloped, with drip edge |
| **Area classification** | Components certified for Zone 1 or 2 (ATEX or IECEx) as required |
| **Codes and standards** | Electrical to IEC 60079 for hazardous areas; tubing and fittings to ASME B31.3 |
| **Sample conditioning** | Filtration, pressure reduction, flow indication, stream and calibration selection |
| **Practice** | Designed in line with API RP 555 for process analysers |
| **Ambient** | Designed for desert and coastal sites; trace heating for cold sites |

## MODELS AND CAPACITIES

- **TI-OAP-600** – about 600 mm wide, one analyser
- **TI-OAP-1000** – about 1,000 mm wide, one analyser and calibration
- **TI-OAP-1400** – about 1,400 mm wide, two analysers
- **TI-OAP-H** – heated and insulated version

Indicative frame width.

## ORDERING CODE

Example **TI-OAP-1000-Z1-C**: **1000** frame width, mm: 600, 1000, 1400; **Z1** area: Z1 Zone 1, Z2 Zone 2, SA safe area; **C** options: C calibration, H heating, N none.

## SCOPE OF SUPPLY

**Included:** factory acceptance test with a written report; drawings for approval, material certificates and manual.
**Options:** calibration gas cylinder bracket; trace heating and insulated cover; second analyser.

**Designed and built by Tech Inc.** · **Part of the Davey Group since 1990**
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