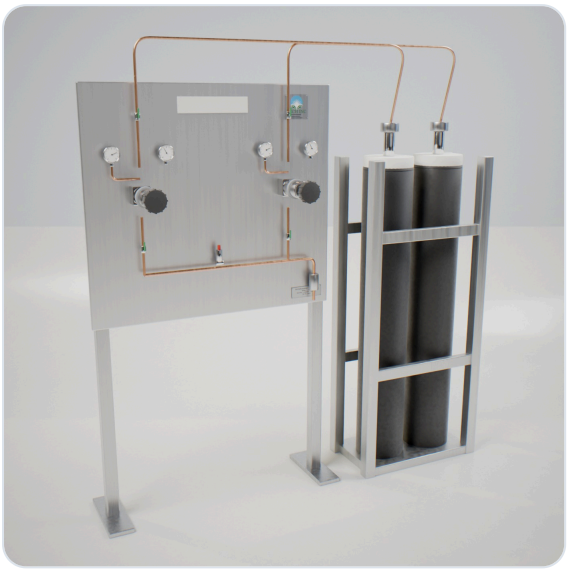
PRODUCT DATASHEET

Oxygen-Service Gas Panel and Manifold

Gas panels and manifolds cleaned for oxygen and oxygen-enriched gases

Product page





Close-up: oxygen regulator and slow-opening valve

OVERVIEW

The Tech Inc. Oxygen-Service Gas Panel and Manifold supplies oxygen and oxygen-enriched gases safely to laboratories, steel and glass plants, test rigs and process users. Oxygen ignites contaminants and some materials that are harmless in air, so every part is chosen for oxygen compatibility, cleaned to ASTM G93 practice, assembled in clean conditions and sealed until installation.

TYPICAL DESIGN DATA

Inlet pressure	To about 200 bar
Materials	Brass, copper, Monel 400 and selected stainless steels
Cleaning	To ASTM G93, with cleanliness certificate
Codes and standards	Cleaning to ASTM G93; pressure parts to ASME B31.3 practice
Seals	Oxygen-compatible fluoropolymers
Valves	Slow-opening to limit compression heating
Design	Velocity limits and material selection to recognised oxygen-safety guidance

MODELS AND CAPACITIES

- **TI-OXP-M200** – cylinder manifold, about 200 bar
- **TI-OXP-H** – distribution header per metre run
- **TI-OXP-R** – point-of-use regulator station
- **TI-OXP-HP** – high-pressure panel

Indicative inlet rating.

ORDERING CODE

Example **TI-OXP-M200-B**: **M200** type: M200, R, H, HP; **B** material: B brass, S stainless, M Monel.

SCOPE OF SUPPLY

Included: factory acceptance test with a written report; drawings for approval, material certificates and manual.
Options: changeover with alarm; flame arrestors where required; oxygen detection; on-site installation supervision.

KEY ADVANTAGES

- **Compatible** – materials chosen for oxygen
- **Clean** – ASTM G93 cleaning, certified
- **Slow opening** – limits compression heating
- **Sealed** – capped until installation

Designed and built by Tech Inc. · **Part of the Davey Group since 1990**
Offices: Chennai · Toronto · Tallinn · Al Khobar
mail@techincresearch.com · +1 (289) 622-1032 · www.techincresearch.com

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