PRODUCT DATASHEET

Workover Control Unit

Hydraulic control units for well intervention and workover operations

Product page





Close-up: control panel and accumulators

OVERVIEW

The Tech Inc. Workover Control Unit operates the wellhead and downhole safety valves while a well is being worked over or intervened, when the permanent control system is disconnected. A hydraulic power unit with accumulators supplies the control pressures, a panel opens and closes each valve, and an emergency shut-down closes everything from a remote station.

TYPICAL DESIGN DATA

Control pressure	To about 345, 690 or 1,035 bar
Functions	Two to eight valve functions
Accumulators	Sized for the required valve strokes
Codes and standards	Hydraulic systems to ISO 4413 practice; API 6A and API 14A interfaces; NACE MR0175 / ISO 15156 where applicable
Drive	Air-driven or electric pumps
Materials	Stainless tubing and fittings; NACE MR0175 / ISO 15156 where exposed to well fluids
ESD	Local and remote emergency shut-down

MODELS AND CAPACITIES

- **TI-WCU-5** – to about 345 bar (5,000 psi)
- **TI-WCU-10** – to about 690 bar (10,000 psi)
- **TI-WCU-15** – to about 1,035 bar (15,000 psi)
- **TI-WCU-A** – air-driven version

Indicative maximum control pressure.

ORDERING CODE

Example **TI-WCU-10-6-A**: **10** pressure: 5, 10 or 15 thousand psi; **6** number of functions; **A** drive: A air, E electric.

SCOPE OF SUPPLY

Included: factory acceptance test with a written report; drawings for approval, material certificates and manual.
Options: data logging and remote display; additional functions; sunshade and enclosure; spare hoses and seal kits.

KEY ADVANTAGES

- **Self-contained** – own power and accumulators
- **Safe** – local and remote ESD
- **Clear panel** – one control per function
- **Portable** – skid with hose reels

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

How to cite: Workover Control Unit (model TI-WCU). Tech Inc., Vaughan, Ontario, Canada. www.techincresearch.com/product-page/workover-control-unit

Disclaimer: All products, designs and content are the property of Tech Inc. Tech Inc. reserves the right to change specifications and details without notice. Images are for representation only; the supplied equipment may differ in appearance. Data are typical; final design to client specification.