

Xe-Series遠心式空気圧縮機コントローラー

我々は直感的で分解性が高いカラーディスプレイをもって、空気圧縮機に関するあらゆる主要な情報が検査できる窓口を設けた。その窓口により、設備の高性能が確保できる以外に、その上、主要なデータの開発趨勢に対する連続的な監視による保守状態の予測も可能になった。また、生産性と使用利便性を高めるために、我々は操作装置に開放式ウェブ構造を設置して、操作員が基本的にどこでも空気圧縮機への遠隔操作を行えるようにした。

特長

Achieving best-in-class efficiency is very important at Ingersoll Rand. Xe-145F Series controls utilise the latest control algorithms to provide the lowest energy consumption in every situation. Built-in control logic ensures system reliability by precisely managing discharge pressure, while maximising throttle range. The controller features useful timers, compressor information and alerts that indicate when maintenance is necessary to help optimise care of your investment.



Standard Control:

- **Constant pressure control** – Dynamically maintains precise discharge pressure throughout the full range of operating capacity (100% to 0%). Constant pressure control is used to minimise process pressure variations with rapid reaction to sudden demand variations.
- **Auto-dual control** – Uses inlet modulation to maintain constant system pressure over the compressor's full turndown range. When the load drops below the turndown range, the controller automatically transitions to load/unload mode. Programmable auto-dual control optimises operating efficiency when process demand varies widely over time.
- **Energy Smart Set Point™ (ESS)** – Adjusts a compressor's pressure set point internally to balance and share load between multiple compressors in the same system. ESS reduces the amount of bypassed air, which saves energy.

Optional Control:

- **Ambient Control software** – Maximises a compressor's operating throttle range, increasing usable turndown and substantially reducing or eliminating wasteful compressed air bypass in changing ambient

conditions.

- **Integrated Multi-Machine Control (IMMC)** – Automatically sequences and assigns pressure schedules to multiple compressors to minimise the number of compressors operating at any given time and achieve optimum efficiency.

部品およびアクセサリ



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