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STONE™

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AIR MOTORS

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Want more information?
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PT Hydraulics
Australia

Mini-Pro Control Valves

The Mini-Pro sandwich design directional control valve offers a simple and compact hand lever operated means of controlling the flow of fluid. The modern modular design holds the following impressive characteristics:

- Ultra compact sandwich design - each section only 31mm wide
- Valves are manufactured by high quality Australian steel
- Spools are hardened and precision ground
- High working pressure
- Low internal leakage due to small clearance between spools & bodies
- Metering type spools provide fine proportional control
- Integral design micro-switch - ideal for DC power pack applications
- Modular design allows direct manifold mounting to DC power packs
- Wire lock protection to relief valve
- All exposed steel zinc plated and aluminum anodised



specifications



Nominal Flow	20Ltr/min	Switch Rating	UL 10.1 Amp.
Max. Pressure	315 Bar	Electrical Connector	6.3mm TAB
Max. Back Pressure	30 Bar	Filtration	25 mic. or better
Max. Leakage	50ml per minute at 100bar/46cST/40°C	Temperature Range	- 20° to + 85°
Port Size	1/4" BSPP	Slice Weight	790 grams

GETTING RICHER WITH FP PRODUCTS



Our Fluid Power range of products has recently been used in the development of a new gold prospecting trailer. Built to travel over rugged terrain, the gold prospecting trailer travels to remote locations and test soils for gold content. Before soil testing can commence, the trailer must be on an even plane - this is where the fluid power components are required. The trailer is fitted with four stabilizing legs that are powered by double acting hydraulic cylinders, a fifth cylinder hydraulically lifts the main hopper into its correct operating position. The five cylinders are powered by a 24V DC Stone power pack and operated by a bank of 5 Mini-Pro valves, this enables precise control for the leveling operation.

Contact us for more information on how our fluid power range of products can service your needs.

handy hydraulic hint

Hydraulic Fluid straight from the drum, has a typical cleanliness level of ISO 4406 21/18. A 25 GPM pump operating continuously in hydraulic oil at this cleanliness level will circulate 3,500 pounds of dirt to the hydraulic system's components each year! To add hydraulic oil, and not the dirt, always filter new oil prior to use in a hydraulic system.