

Variable Area Flowmeters

HYDRAPRO Flow, Pressure & Temperature test kit with loading valve

HYDRAPRO Hydraulic Test Kits

Used to Diagnose faults in hydraulic circuits, determine hydraulic horsepower and test for component wear such as hydraulic valve and cylinder leakage



- A complete troubleshooting system
- Plan component repairs
- Economical, compact and rugged
- Non-electrical
- Easy to use loading valve with safety blow out disc

Technical data

- Temperature: to +206°C
- Pressure rating: (3:1 safety factor)
3/4" through 1 1/2" sizes;
345 bar maximum
- Pressure drop: on request
- Accuracy: ±2% of full scale
- Repeatability: ±1%
- Threads: BSPP - NPT and SAE available upon request
- Test kit pressure gauge - Glycerin filled: 0-400 bar (0-6000 psi)
- Test kit load valve: Pressure compensated balanced, 414 bar

Materials of construction

- Body: 303 stainless steel
- Piston & cone: 2024-351 Aluminium, anodized
- Spider plate: 316 stainless steel
- Spring: 302 stainless steel
- Fasteners: 303 stainless steel
- Pressure seals: Viton
- Guard: Polycarbonate
- Retaining ring: SAE 1070/1090 Carbon steel
- Retaining spring: SAE 1070/1090 Carbon steel
- Indicator & Internal Magnet: PPS/Ceramic
- Guard/Bumper: Buna N
- Scale Support: 6063-T6 Aluminium
- End caps: Nylon ST

Options & Ordering Information

Part number	Connection size	Flow range	Pressure range	Temp. range
HP.702.S.030.TKV	3/4" BSP	10...110 l/min	0...350 bar	0...120°C
HP.762.S.050.TKV	1" BSP	19...190 l/min	0...350 bar	0...120°C

Spare parts	Description
F1614-6000	400 bar safety blow out discs (pack of 10)



Supplied in sturdy carry case with foam insert