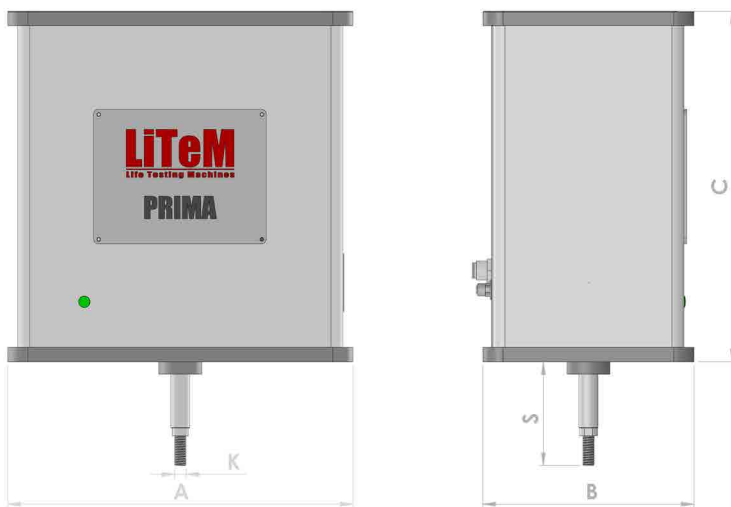
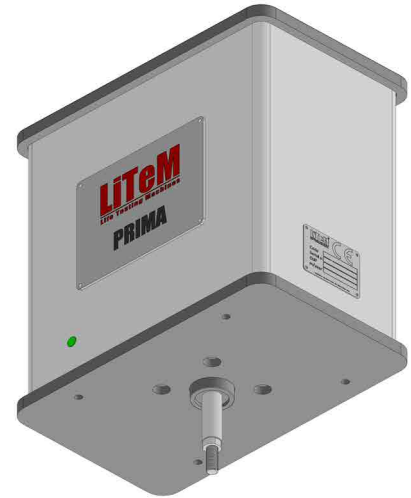


ATSV Servo-Actuator

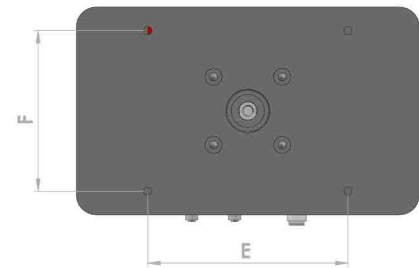
The range of pneumatic actuators in the ATSV series includes the actuator, displacement sensor, proportional servo-valve and silencers.

The aluminium interface plate allows the actuator body to be connected to the test structure.

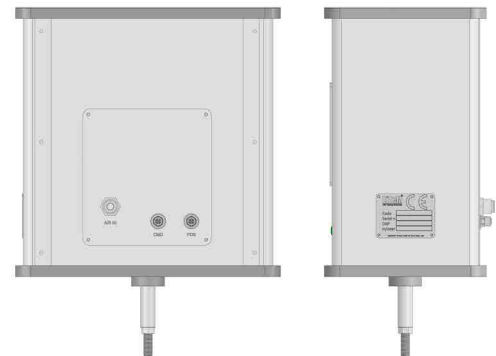
It comes in 1 - 1.5 - 2.5 kN versions with strokes of up to 200 mm and, on request, also for longer strokes up to a maximum of 300 mm.



ATSV - interface plate



ATSV - inspection panel



| ATSV Pneumatic servo-actuator | | | |
|--------------------------------------|-------------------------------------|------------|------------|
| Technical specifications | Order code | | |
| | ATSV-50/S* | ATSV-63/S* | ATSV-80/S* |
| Static force (6 bar) | 1.2 | 1.8 | 3 |
| Dynamic force (5 bar) | 1.1 | 1.5 | 2.5 |
| Available stroke (S*) | 50-100-200 (250-300)* | | |
| Servo-valve | Proportional servo-valve 1200 l/min | | |
| Dimensions [AxBxC] | 360 x 220 x 380 [mm] | | |
| Thread [k] | M12 x 1.75 | | |
| Dimensions [S] | 25 < S < 25 + Stroke [mm] | | |
| Interface [ExF] | 4 x M10 - [E] 210 x [F] 170 [mm] | | |

ATSV servo-actuator connections

| Pos | Description | | Connector |
|-----|-----------------|------------------------|-----------------------|
| 1 | Air supply | 6 bar compressed air | Quick coupling D10/8 |
| 2 | Command signal | Analog input +/- 5 V | Male connector M12 8P |
| 3 | Position signal | Analog output 0-10 Vdc | Male connector M12 4P |

Al fine di migliorare le prestazioni tecniche del prodotto, la società si riserva di apportare variazioni senza preavviso.
In order to improve the technical performances of the product, the company reserves the right to make any change without notice.

Related systems

Real Time Controller RTC 9000

The ATSV actuator kit can be connected to the series of RTC 9000 Controllers, in the two available versions:

- RTC9001 non expandable single axis
- RTC9000-A modular expandable multi-axis

Further details on: www.litem.info/controllore

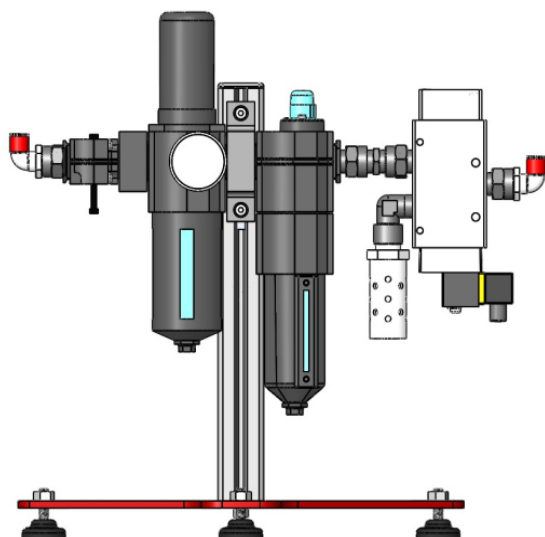


Wave forms that can be generated

- In load or displacement ramp with settable speed
- Cyclical tests with constant amplitude with sinusoidal/triangular/square waves
- Variable amplitude tests with profile defined by the user or importable from an external text file or excel file - Requires the activation of the Tools - Editor Profile software licence



Air handling unit



Air handling unit complete with shut-off valve, pressure regulator, pressure gauge, filter and pre-filter, on-off solenoid valve, 5-metre 24 V DC power cable. Floor-standing star-shaped support

Al fine di migliorare le prestazioni tecniche del prodotto, la società si riserva di apportare variazioni senza preavviso.
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