

ModuTainer - Modular Containerized Test Cell

» MODULAR CONTAINERIZED TEST CELL



TEST BENCHES

Besides modularity, flexibility is a growing demand for future engine test fields. This also applies for the size of a test field and the number of test cells.

FEV has developed the FEV ModuTainer, a modular and flexible test cell housing based on the experience of many years in setting up and operating engine test cells. Size can be widely adapted to customer needs, covering the whole range from passenger car up to heavy-duty diesel testing.

The FEV ModuTainer can help shorten installation times on site and reduce disturbance to the existing facility.

Your Benefits

- > Transportable through self-supporting structure
- > Excellent noise insulation
- > High fire resistance
- > Flexible adjustment to customer demands
- > Short installation and commissioning at customer site
- > Easy maintenance
- > Modular media interfacing
- > Outdoor installation possible

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Technical Data

For engine power (standard)	up to 1,000 kW
Material	steel
Maximum length *	10 m
Maximum width *	4 m
Maximum height *	4 m
Wall thickness	approx. 150 mm
Noise insulation	30 dBA
Fire resistance	up to IE 90
Ambient conditions	-25 ... + 40 °C
Color	RAL 7037 (dust grey)

* For standard transport within Europe. For customized design, dimensions can be exceeded.

Additional features:

- > Double floor for piping and electrical installation
- > Drain pan under double floor
- > Supports on walls and ceiling for installing additional fixtures
- > Crane rail included
- > Pre-configured interfacing to ventilation system
- > Full functional pre-commissioning with instrumentation at FEV in Aachen