

VSR Mk5P Turbocharger Core Balancing Machine

by **TURBO
TECHNICS**

**Touch-screen computer
interface**

**Guide Capacity 1 – 35
units per 8hr shift**

**Turbine Wheel Diameters
65mm (2 1/2") to
125mm (5")**

**Test speeds to
150,000rpm**

**Safety cabinet with
protective locking**

**Quick changeover
between turbo models**

**Low operating noise
level**

Simple Installation

**12-month parts
warranty**



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The Turbo Technics VSR Mk5P has been designed to balance the large frame turbochargers usually found in truck and heavy goods vehicles and is the only machine currently in the market that offers this capability to the repair and remanufacturing industry. Because of the physical characteristics of large-frame turbochargers, Turbo Technics has redesigned the housing and suspension system to achieve similar levels of accuracy to other machines in the Turbo Technics range. The balancing principles remain the same however, with either balancing cuts still being made to the nose nut, or through rotation of the impeller in relation to the shaft wheel assembly.

The layout of the workspace on the VSR Mk5P has also been redesigned resulting in the heavier cores being front-loaded, rather than side loaded, which is easier for the operator.

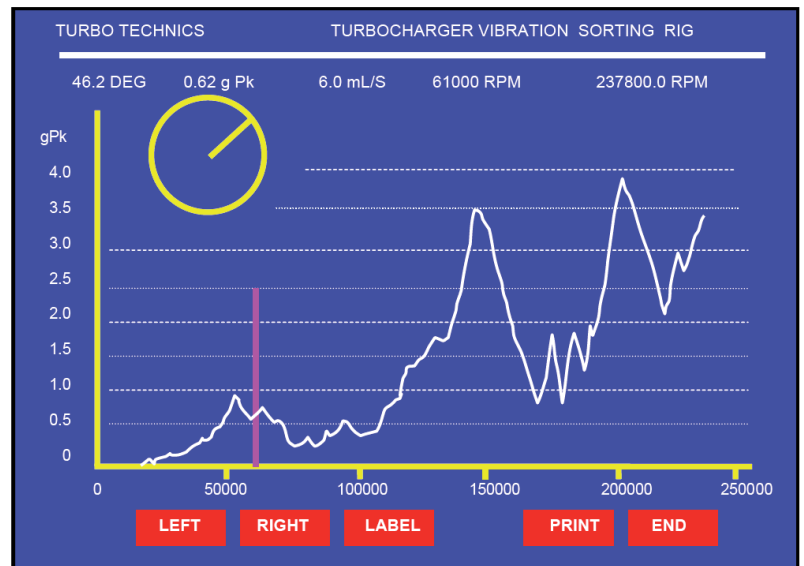
Because of the increased dimensions of the cores being tested, the range of slave turbine housing adaptors is unique to the VSR Mk5P. These are still loaded by means of a quick-release system, allowing changes between turbo models to be made in under a minute. The slave turbine housings have been designed to minimise the consumption of compressed air as the rotating components spin up to operating speed (patented).

The touch-screen controls and graphic user interface are similar to those used on the other Turbo Technics VSRs making the use of the VSR Mk5P intuitive to users familiar with Turbo Technics products

Further details on the VSR Mk5P including a full technical specification can be obtained from Turbo Technics or its authorised distributors.

The VSR Mk5P incorporates the following features:

- Touch-screen computer interface
- Guide Capacity 1 – 35 units per 8hr shift
- Turbine Wheel Diameters 65mm (2 1/2") to 125mm (5")
- Test speeds to 150,000rpm
- Safety cabinet with protective locking
- Quick changeover between turbo models
- Low operating noise level
- Simple Installation
- 12-month parts warranty



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