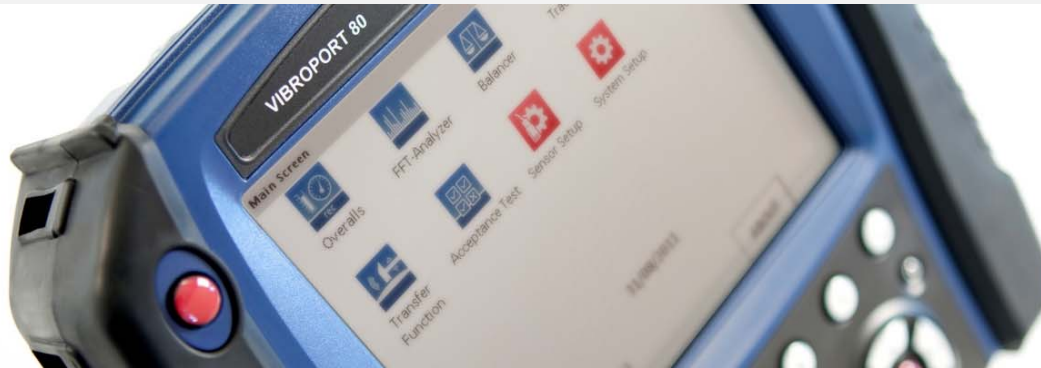




# The Allrounders – VIBROPORT 80 & VIBROTEST 80



## BALANCER MODULE

A significant proportion of all machine faults can be attributed to unbalance of rotors. Although rotors are, as a rule, built into the machine precisely balanced after the manufacturing process, unbalance can result because of mounting tolerances and the residual unbalance of components over a period of time. Onsite field balancing offers several advantages, such as: No dismantling and transport of the rotor; taking into account on-site mounting conditions (e.g. bearing clearances); independence of rotor-size rotor-weight.

### HIGHLIGHTS

- **1 or 2-plane balancing** – For static and dynamic balancing
- **Fast balancing with prognosis** – Is realized via an innovative prognosis algorithm which provides the remaining residual vibration level for both planes already after the first trial run as a prognosis
- **2-plane polar plot** – For both planes on one display with possibility to switch to a bar graph and table view, which summarizes the steps of the balancing procedure
- **Free choice of adjustment method** – The user can choose between polar, component or fixed mass methods, and can switch arbitrarily between polar and components balancing at any time.
- **2-plane, one sensor** – Allows the user to perform a two-plane balancing job with only one vibration sensor.
- **Trial weight estimation** – Supports the user in finding an appropriate trial weight



*Balancer Module*



*Screenshot of 2-plane polar plot*

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