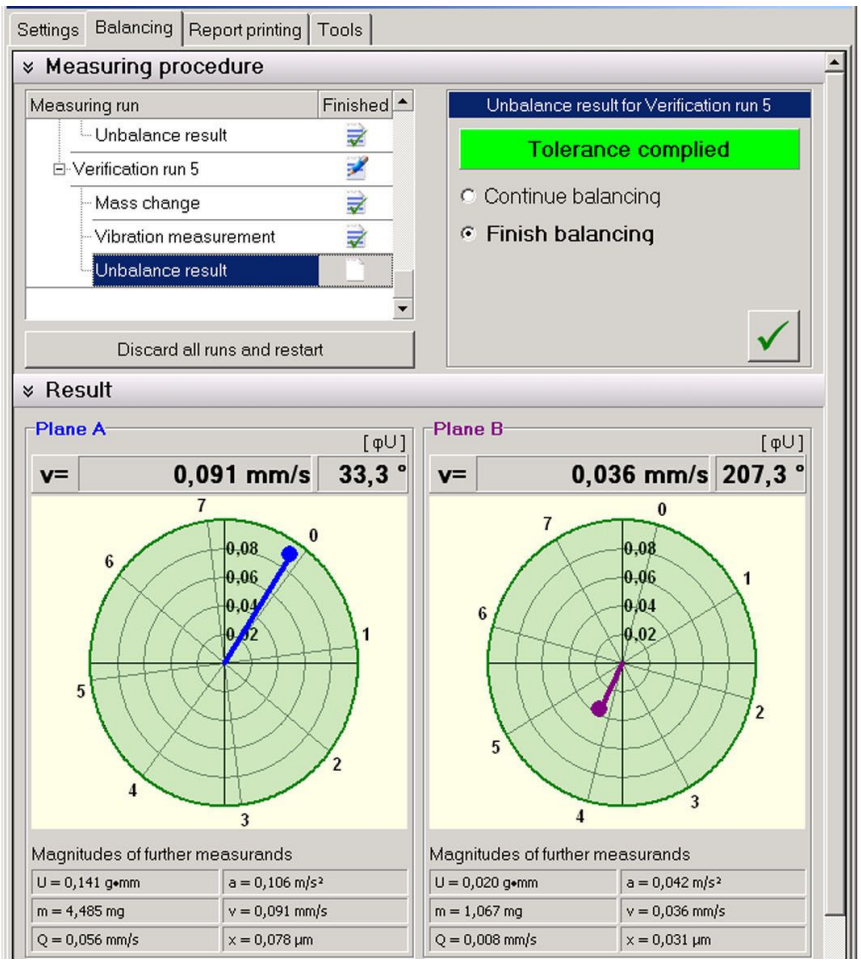
Software Module Balancing

VM-BAL



Application

- Software module of the PC based vibration measurement system VibroMetra
- On-the-spot balancing of long and disk-shaped rotors under operating conditions with the aim of vibration reduction
- One or two plane balancing

Properties

- Automatic operation by rotary speed detection
- Simple installation and operation
- User guidance by clear text instructions simplifies operation
- Measuring runs can be saved and continued later
- Auxiliary functions like test mass and RPM recommendadtion support the user

Manfred Weber

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Technical Data

	VM-BAL	VM-BAL+	VM-BAL++
Mass correction by adding mass	yes	yes	yes
Mass correction by removing mass	no	yes	yes
Mass correction by drilling or milling	no	no	yes
Mass correction by rotary rings	no	no	yes
Mass correction by sliding blocks or set screws	no	no	yes
Mass correction at fixed positions	no	3 to 99	3 to 99
Mass correction with a list of mass pieces	no	no	yes
Balancing aim unbalance/mass	yes	yes	yes
Balancing aim balance quality	no	no	yes
Balancing aim vibration amplitude	no	no	yes
Rotary speed recommendation	no	no	yes
Creating a defined unbalance	no	no	yes
Test mass recommendation	no	no	yes
Leave test mass at rotor	no	no	yes
Combine correction masses of several balancing runs	no	no	yes
Vibration measurands	v	v	a; v; d
Saving rotor data	no	no	yes
Saving balancing runs	no	no	yes

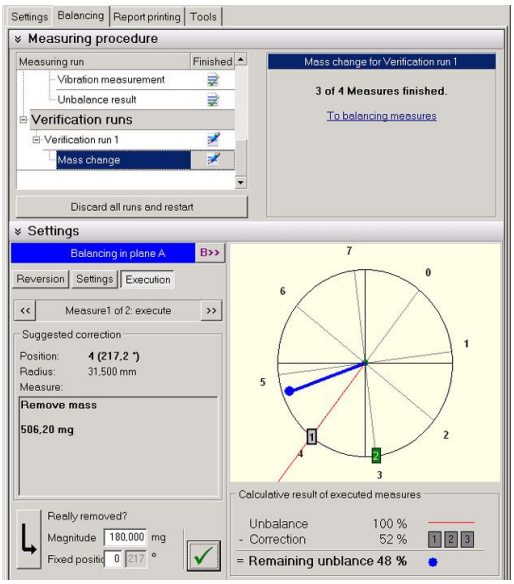
RPM range	6 to 600 000 min-1

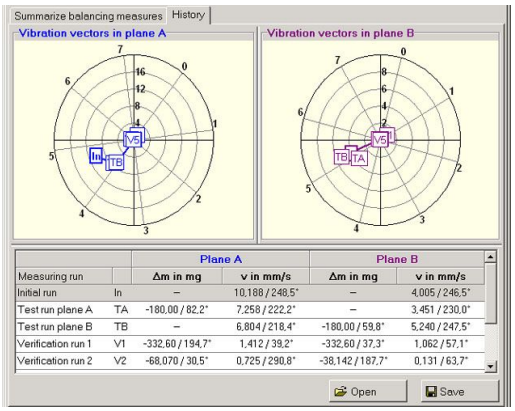
Scope of delivery

VM-BAL+ Kit One: 1 VM-BAL+; M312B; KS74C10 with 5 m cable; magnet 008; photoel. reflex switch with magn. stand
VM-BAL+ Kit Two: 2 VM-BAL+; M312B; 2 KS74C10 with 5 m cable; magnet 008; photoel. reflex switch with magn. stan

Notice

For two-plane balancing two licenses VM-BAL are required.
A free trial version of VibroMetra can be downloaded from our website www.MMF.de.





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