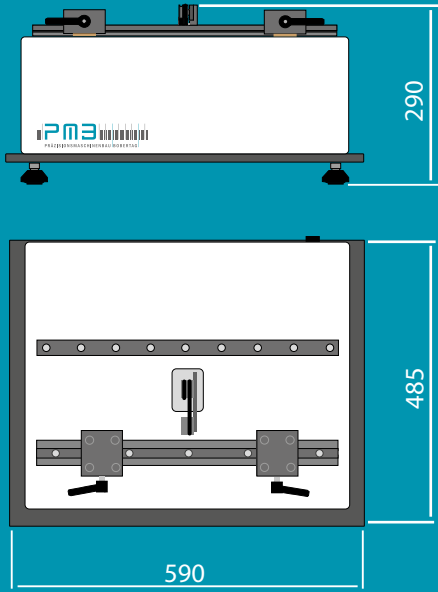


**Residual unbalance
< 0,001 gmm***



Technical data



CAROBA® Balancer OnDesk 500

The Balancer OnDesk 500 is a table-top version of our Balancer Universal 500 and a complete balancing stand. All setup variants and mountings for the balancing objects are fully compatible with its big brother. The compact and space-saving OnDesk 500 is particularly suitable for those users who want to save real estate in the laboratory and in production. Due to its low weight, this balancing stand can be stored on a shelf and placed on the worktop whenever it is required.

Shaft diameter on standard bearing blocks	min / max	mm	1 - 80
Bearing surfaces distance on standard bearing blocks	min / max	mm	30 - 500
Object diameter	max	mm	300
Object weight	Configurable for object weight from 0.01 kg to 35 kg.		

Smallest possible residual unbalance*			
On rollers / prisms of standard bearing blocks		gmm	< 0,03
On PMB air bearings		gmm	< 0,001

*Dependent on balancing object, mounting and measuring system

Weight OnDesk 500	kg	35
Power supply	V/Ph	230 V/AC
Fuse protection	Ampere	8AT

Type of drive

Belt drive	Wrap with round belt cord	
Drive power	Watt	117

Balancing speed by

Belt drive	rpm	180 - 9000
Air drive / Depending on object and bearings, more than	rpm	12.000
Self-driven / When using the „Compact“ measuring system, maximal	rpm	96.000
When using the „Pro or Pro-i“ measuring system, maximal	rpm	800.000

Compatible measuring systems:

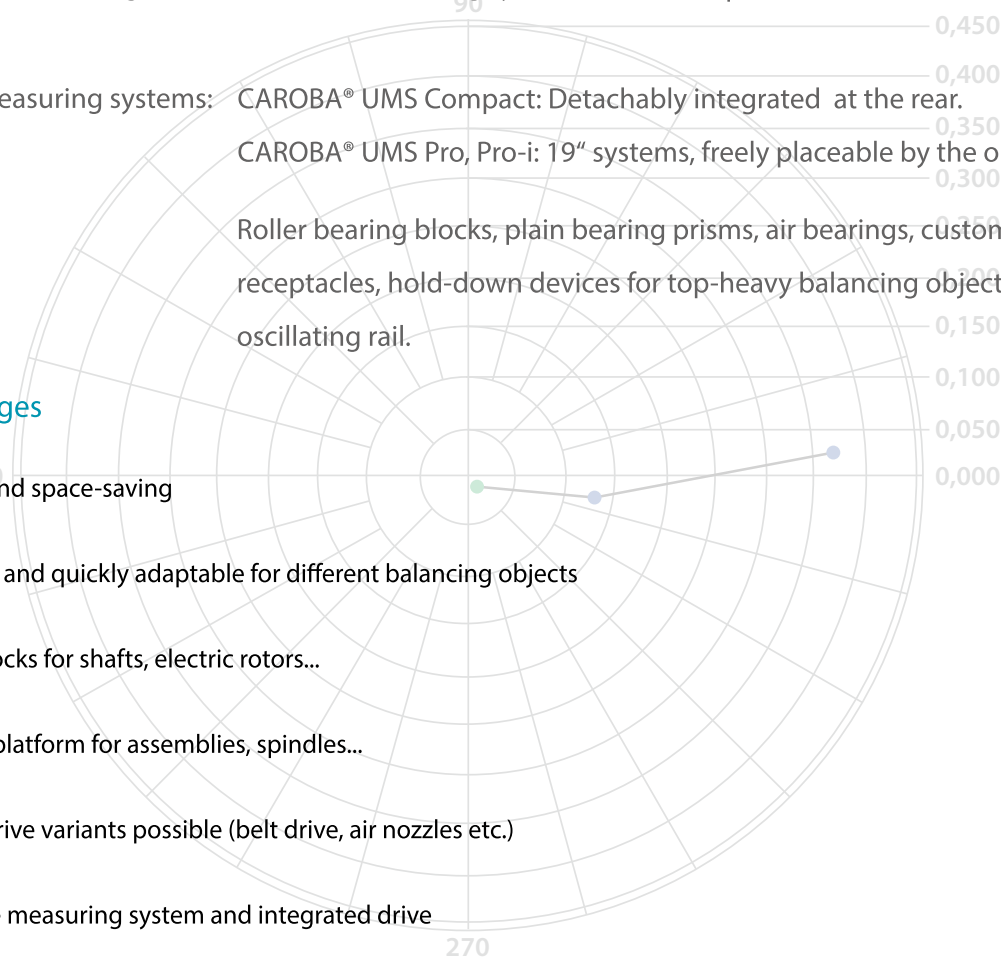
CAROBA® UMS Compact: Detachably integrated at the rear.
 CAROBA® UMS Pro, Pro-i: 19" systems, freely placeable by the operator.

Options:

Roller bearing blocks, plain bearing prisms, air bearings, customer-specific receptacles, hold-down devices for top-heavy balancing objects, extended oscillating rail.

Your advantages

- Compact and space-saving
- Universally and quickly adaptable for different balancing objects
- Bearing blocks for shafts, electric rotors...
- Balancing platform for assemblies, spindles...
- Different drive variants possible (belt drive, air nozzles etc.)
- Removable measuring system and integrated drive
- Future-proof through hardware and software updates



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