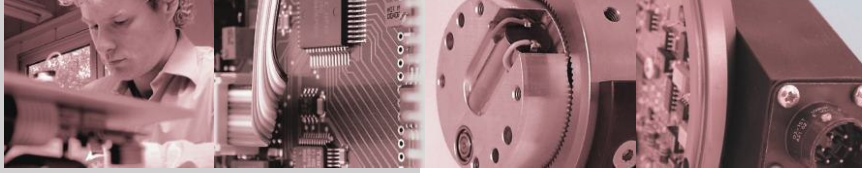

mechatronics – made in switzerland

elaso
the mechatronics
since 1967

Balancing Processor eb500

To efficiently balance grinding wheels

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CIRO PRODUCTS LTD

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Balancing processor eb500

The eb500 processor calculates the weight positions for the weights in the wheel flange. The multiple language menu guidance (English, German, French) allows for a straightforward operating convenience. The user is directed through all the steps during balancing and setup. The time needed to balance a wheel is three minutes maximum. The setup run including the balancing is ten minutes maximum.

During the setup run machine specific data is gathered which is needed for the calculation of the weight's positions. A setup run is required after a change in spindle rpm or a wheel change, otherwise a quick balancing run will be sufficient. Two easily noticeable signal lights show the machine vibration status. A 360° protractor scale to be mounted on the wheel flange is available. To complete a system a vibration transducer and a rpm sensor is needed.

Further advantages of the eb500 system

- Economical method for precision balancing of grinding wheels
- Eliminates the elaborate static balancing
- Optimizes the grinding result
- Safeguards the spindle bearings
- Reduces down time
- Continuous monitoring of machine vibrations
- Simple and easy operation
- Reliable and maintenance-free

Components for the eb500 system
- Vibration transducer
- Rpm sensor
- Protractor scales
- Plastic case

Technical Data

– Power consumption	maximum 20W
– Rpm range	500 to 6000 rpm
– Vibration display options	[µm] or [µm/sec]
– Protection	IP 65
– Controller weight	maximum 2.5kg
– Controller dimensions	213/65/129mm (W/D/H)

)

Types

– Table top housing for mains voltages 80 to 230V	Type eb500-230	Item # 14852
– Table top housing for 24VDC	Type eb500-024	Item # 14865
– Panel mount ½ 17 Inch, 2HE, for 24VDC	Type eb500-024-e	Item # 14842

eb500

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