CAB 700, CAB 706, CAB 920

Measurung units for universal balancing tasks

- Digital measurement processing for high accuracy
- Colored, clear unbalance display and safe reading
- Ergonomic operating concept
- Wide range of software components for universal and special balancing tasks

Balancing in R&D, during repair work, in single-piece production or in low volume production presents a wide range of challenges for measurement technology.

The perfectly balance rotor is the target and we offer exactly the right microprocessor measuring unit for each balancing task to help you achieve your targets. The whole consists of a uniform operating philosophy, measurement processing precision along with the clear and easy-to-read display, which processes the measurement signals and displays the size and the location of the unbalance. Thanks to the permanent calibration, you only need to enter a small amount of geometric data, in order to set the measurement unit up for a new rotor.

Functions such as measured value memory, indexing display or correction instructions support the operator in carrying out quick and rationally balancing.

CAB 706 - The modernization package for economical balancing
The CAB 706 provides the complete package for the modernization of the measurement chain of older horizontal and vertical balancing machines. If the mechanically has been well maintained mechanically, it is an affordable solution to bring it up to date in terms of modern measuring technology and contemporary operation.

The CAB 706 is quick to install and commission because of its compact design. Simply build it into the existing control cabinet, connect the vibration sensors and power up. In most cases, this “conversion” is completed in a very short time.

Even third-party machines can be brought up to the current level of Schenck machines with optional signal amplifiers.
CAB 700 - universal and affordable
You will only have to work with this basic measuring unit once to realize that it has universal application, it is simple to operate, it measures the unbalances precisely and it has a powerful software. With its compact construction, it fulfils the requirements that are really called for with universal balancing machines with vertical or horizontal axes. The CAB 700 can be operated using just a few simple steps with pre-defined function keys, a numerical keypad and cursor keys. Even occasional balancing requirements are handled efficiently. The clear display shows full texts and in your language: words, numbers, measurement units and unambiguous icons support quick and safe reading through the color display. The measurement signals are digitally processed in a large unbalance area with high resolution and noise suppression.
CAB 920 - the synthesis of simple operation and the highest perfection
The new CAB 920 is an innovative further development of the legendary CAN measurement systems fro Schenck. The

SCHENCK
Schenck RoTec GmbH
Landwehrstrasse 55
D-64293 Darmstadt
Telefon (0 61 51) 32 23 11
Telefax (0 61 51) 32 23 15
http://www.schenck-rotec.de
E-Mail rotec@schenck.net

CAB 700, CAB 706, CAB 920

Measurung units for universal balancing tasks

power of “Computer Aided Balancing” has been further improved by the CAB 920 and opened up access to a broader application spectrum. With its modern operating concept, it has set new standards in balancing. Simple and secure handling of complex processes and procedures are at the heart of our development. Fault avoidance, process acceleration and a significant increase in the quality of the balancing – these are all available to you with the CAB 920. Simple operation is the key to more security.

New machines for old. The CAB 920 is ideally suited for the modernization of older horizontal and vertical balancing machines, even those from third-party manufacturers, allowing you to add value to your existing balancing equipment through the addition of the latest measurement technology.

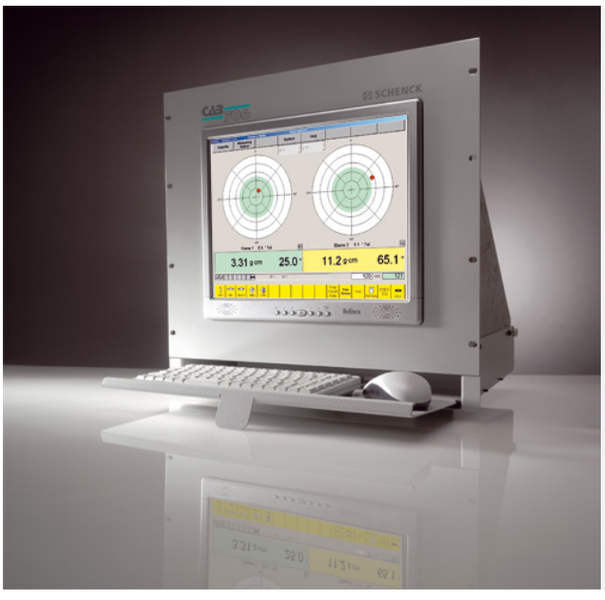
Schenck RoTec GmbH
Landwehrstrasse 55
D-64293 Darmstadt

Telefon (0 61 51) 32 23 11
Telefax (0 61 51) 32 23 15

http://www.schenck-rotec.de
E-Mail rotec@schenck.net

CAB 700, CAB 706, CAB 920

Measurung units for universal balancing tasks



SCHENCK

Schenck RoTec GmbH
Landwehrstrasse 55
D-64293 Darmstadt

Telefon (0 61 51) 32 23 11
Telefax (0 61 51) 32 23 15

http://www.schenck-rotec.de
E-Mail rotec@schenck.net

SCHENCK

CAB 700, CAB 706, CAB 920

Measurung units for universal balancing tasks

Technical data at a glance		CAB 700	CAB 706	CAB 920
Digital multiplication measuring principle		•	•	•
Unbalance measurement for laboratory applications		•	•	•
Permanent calibration		•	•	•
Empirical calibration		(•)	(•)	(•)
Correction calculations		(•)	(•)	(•)
Screen display		•		
High resolution screen display			•	•
Multi-function keyboard		•		
Separate data storage medium				•
Centronics printer interface		(•)	•	•
Serial interface (COM)		•		•
Serial interface (USB)			•	•
Serial interface, Ethernet				•
Control interface, standart		•		•
Interface for 2 display units			•	
Interface for external keyboard			•	•
Reference generator connection		2	2	2
Vibration sensor connections		2	2	2 - (
Measuring unit				
Display resolution		320 x 240		
Measurement uncertainty	[gmm]	depending on the balancing machine	depending on the balancing machine	depending on the balancing machine
Measuring speed range	[min -1]	120 - 5.000	120 - 5.000	100 - 5.000
Unbalance measurement range		1 : 1.000.000	1 : 1.000.000	1 : 2.000.000
Measurement speed, approx.	[s]	0,5 - 80	0,5 - 80	0,5 - 80
Type data memory	100	100		
Dimensions (19â â rack)	[HE]	3	10	10
Weight, approx.	[kg]	5	30	40
Power requirement	[V]	85 - 260	115 / 230	115 / 230
Power consumption	[VA]	30		250

	Order No.	R0760300.01		R0760200.01

SCHENCK

Schenck RoTec GmbH
Landwehrstrasse 55
D-64293 Darmstadt

Telefon (0 61 51) 32 23 11
Telefax (0 61 51) 32 23 15

http://www.schenck-rotec.de
E-Mail rotec@schenck.net

CAB 700, CAB 706, CAB 920

Measurung units for universal balancing tasks

For the mentioned measuring units a multiplicity of extensions and software options are available that are only partially described here. To adapt these to your specific task please consult one of our technical personnel..

1) + 6% / -10%, 50/60 Hz

2) Unlimited with external data storage medium

3) Min. 10 and/or max. 250,000 min -1 possible as option

o.r. On request

Schenck RoTec GmbH
Landwehrstrasse 55
D-64293 Darmstadt

Telefon (0 61 51) 32 23 11
Telefax (0 61 51) 32 23 15

http://www.schenck-rotec.de
E-Mail rotec@schenck.net