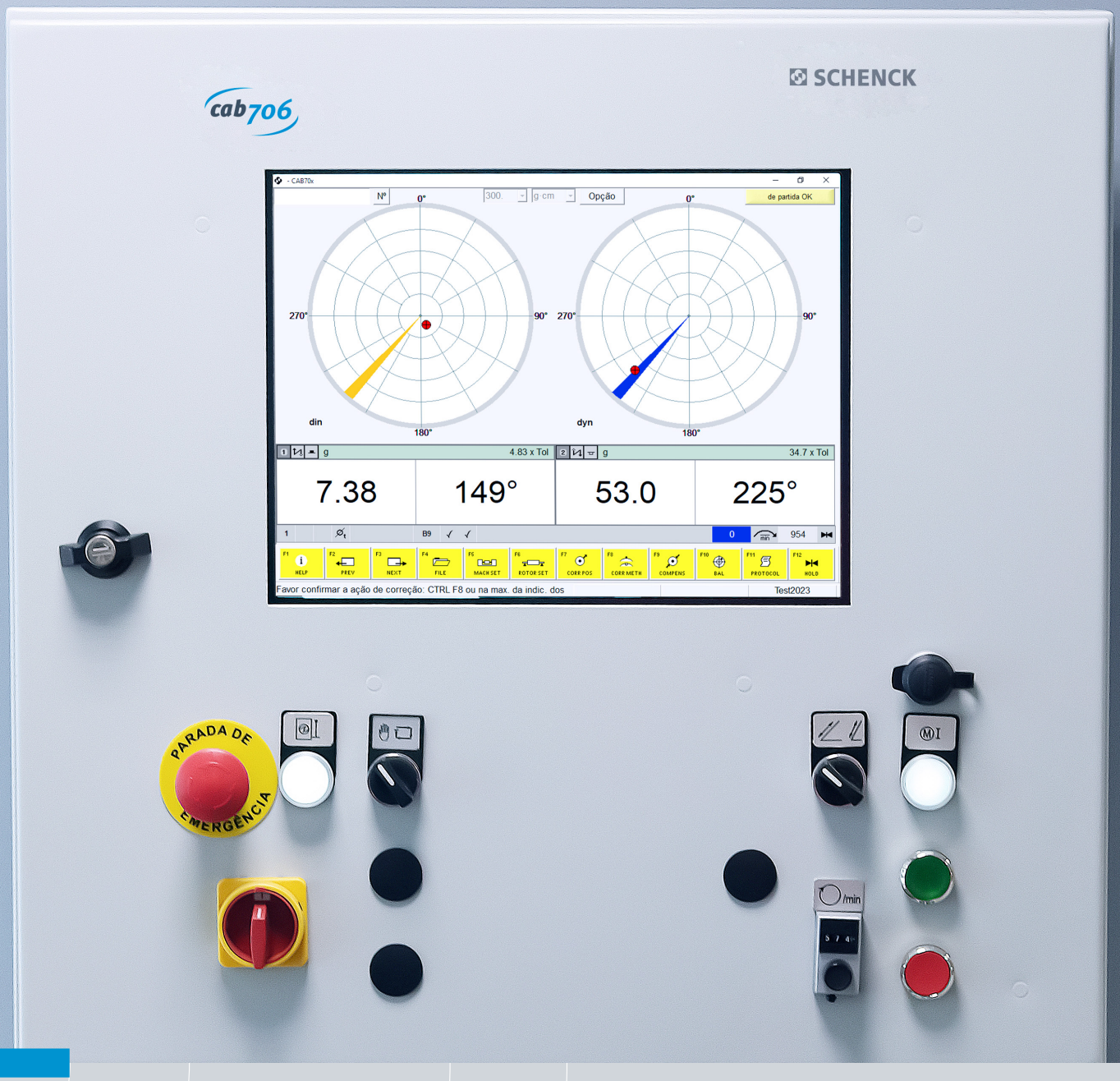

Precise measurement, easy balancing:

Discover our measuring units

The CAB 706 is considered Schenck's most cost-effective measurement unit.
It is ideal for universal-purpose balancing machines, both horizontal and vertical. It features a user-friendly interface with graphical and numerical display of the imbalance.

Technical data

Application	Universal, for balancing machines that are horizontal or vertical, subcritical or supercritical (force or displacement measurement)
Basic framework	Modular design and easy maintenance, with units for measurement, evaluation, and display. Conditioning and calculations are performed by an integrated PC with Schenck's "Computer Aided Balancing" (CAB) software.
Functions	- Measurement of unbalance in 2 planes, static unbalance.. and moment unbalance - Automatic comparison with tolerance - Tolerance calculation according to ISO - Vector and numerical display - Polar display - Display of components as uniform or unevenly distributed - Conversion to other parameterized data - Averaging of measured values over time and related to rotor type - Simple compensation, keyway compensation, tipping - Balancing protocols – individually configurable - Simplification of complex work processes - Help function) - Automatic self-test
Languages	Portuguese, English, German, Spanish (other languages available upon request)
Screen	High-brightness, high-contrast color TFT monitor
Data input	Keyboard and mouse
Measurement methods	Powerful digital unbalance signal processing for maximum measurement accuracy
Unbalance measurement range	1 : 1.000.000
Speed range	120 to 5.000 rpm
Data storage	Depening on the average storage size, practically unlimited
Options	- Printer - Angular positioning aid - Extension software for corrections, e.g., for drilling or weight classes - Specific rotor calibration - Signal amplifiers for machines supplied by other manufacturers