

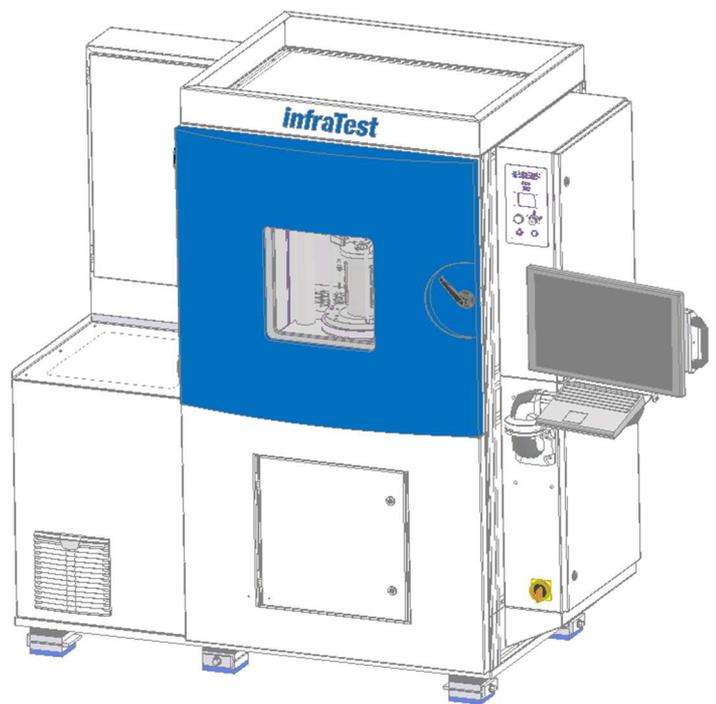
## 20-60210 Dynamic refrigeration compact test system 20 kN / 30 Hz -20..+ 60 ° C

EN 12697-24..26

For carrying out fatigue and stiffness tests under alternating loading and unloading within a temperature chamber.

BASTA controls and monitors the dynamic testing device with temperature chamber using test-specific sequence programs. These can also be programmed by the user. For the additionally available insert racks 20-62500... for different types of tests, ready-made sequence programs, some with integrated evaluation, are included in the scope of delivery. The temperature chamber can be switched on and off by means of time-controlled software.

- Machine frame with integrated temperature chamber
- High-performance hydraulic unit with servo valve integrated in the substructure of the machine frame
- 20 kN rigid load frame with adapted hydraulic cylinder and force and deformation measuring device, installed in the climate chamber
- Input and output unit with microcontroller, touch screen and keyboard
- Control and measurement data acquisition software BASTA under Windows with on-line graphics and test database.



### Technical data:

- Test force 20 kN
- Frequency  $\leq 30$  Hz
- Force measurement strain gauge GKL 1
- Piston rod displacement measuring device Resolution 0.001 mm
- Upper load selectable 0.2 ... 20 kN
- Underload selectable 0.1 ... 19.99 kN
- Curve shapes - haversine - trapezoid - sine
- Dwell times top / bottom load preselectable 0.1 ... 9.99 sec.
- Test temperature -20 to +60°C
- Connected load 400 V, 50 Hz, 3 P+N+PE, 8 kW