



DS03, 3-axis control for service life test

Product description

The universal controller is used in combination with a mechanical device to carry out lifetime tests. The device can be equipped with up to five switches. A wide variety of test devices with up to 3 actuating axes and position feedback can be operated on the universal controller via a plug interface.

Field of application

Research & Development, life time testing and quality control in the area of production/ manufacturing



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Technical data

<h4>Test bench/device</h4> <ul style="list-style-type: none"> • Basic mechanical design with specimen holder for up to five test specimens • Specimen holders for different specimen types can be quickly changed • Drive of the specimens by means of integrated crank linkage or gear rack • Measuring and testing technology in 19"/3 HE rack mount housing 	
<h4>Software</h4> <ul style="list-style-type: none"> • Menu-guided programming • 100 test steps per cycle programmable • Position of the X, Y and Z axes can be parameterized 	
<h4>Scope of testing</h4> <ul style="list-style-type: none"> • Number of cycles to be run <ul style="list-style-type: none"> - up to 100 steps per cycle - Dwell time 0 to 99.9 s per step • Variable number of cycles (e.g. step is only executed every 25th time) 	
<h4>Input-/visualisation units</h4> <ul style="list-style-type: none"> • 8x foil pushbutton • 1x LCD display 	<h4>Dimensions/Transport</h4> <ul style="list-style-type: none"> • Measuring and testing technology <ul style="list-style-type: none"> - approx. 490x135x370 mm (WxHxD) - Weight approx. 6 kg
<h4>Test time</h4> <ul style="list-style-type: none"> • Individual, depending on test scope 	<h4>Exemplary device type</h4> <ul style="list-style-type: none"> • 015 0020