SYSTEM CONCEPT

ARTES 460|560 test systems are compact, robust, lightweight and quiet. LEDs on the front panel indicate the states and operating modes of the inputs and outputs.

SOURCES

- 4 independent voltage channels up to 300 V
- 6 independent current channels up to 32 A
- Wide frequency range
- Separate auxiliary power supply

FLEXIBLE POWERING

- Operation with AC or DC power supply
- Can be used in any country
- Immune to disturbances in the power supply

ERGONOMIC & ROBUST DESIGN

- Sophisticated connection system
- All connections and controls are located on the front panel
- A wide range of communication interfaces

EASY TO USE

- Stand-alone operation with a 3.5" touch screen
- Ergonomic menu and intuitive operation
- Software for automatic tests and evaluation
- LEDs for status indication

SPECIFICATIONS

Sources	Separately and independently configurable	
Frequency range	DC...3 kHz	
Transient signals	DC...4 kHz	
Phase angle	0...360°	
Voltage amplifiers	2 switchable output ranges	
300 V output range	4-ph.: 4 x 0...300 V / 75 VA 1-ph.: 1 x 0...600 V / 150 VA	
150 V output range	4-ph.: 4 x 0...150 V / 75 VA 1-ph.: 1 x 0...300 V / 150 VA	
Current amplifiers	ARTES 460 6-ph.: 6 x 0...16 A / 40 VA 3-ph.: 3 x 0...32 A / 80 VA	ARTES 560 6-ph.: 6 x 0...32 A / 100 VA 3-ph.: 3 x 0...64 A / 200 VA
Low-level signal outputs	Separately and independently configurable	
Output range	10 x 0...10 V_{pk}	
DC output	12...260 V, overload and short-circuit protection	
Output power	50 W (across the entire output range)	
Analog inputs	2 switchable measuring ranges	
Measuring ranges	4 x 0...±10 V / 600 V_{rms} 4 x 0...±20 mA / 0...±10 V	
Binary inputs	Configurable as potential-free/potential-carrying contacts	
Quantity / Groups	8 / 2	
Binary outputs	2 potential-free and galvanically isolated output relays	
Switching capacity AC	0...250 V / 8 A	
Switching capacity DC	0...300 V / 8 A	
Supply voltage	100...265 VAC / 120...265 VDC	
Rated frequency	47...63 Hz	
Interfaces	USB, Ethernet	
Housing	19" portable	
Dimensions (mm)	470 x 162 x 316 (W x H x D)	
Weight	ARTES 460: 10 kg	ARTES 560: 15 kg

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[ENG]

RELAY TEST SYSTEMS ARTES 460|560

New! TJCP Operator Interface

ARTES 460|560

ARTES 460|560

The Universal Relay Testing Solution

ARTES 460|560 test systems are compact solutions for testing all types of protection relays. The built-in control panel, light weight and low noise level make these robust test systems equally suitable for use on site and in the lab.

ARTES 460 | 560 makes light work of highly complex tests on static and digital protection relays. Thanks to the six current outputs, even three-phase tests on differential protection relays can be carried out without additional equipment.

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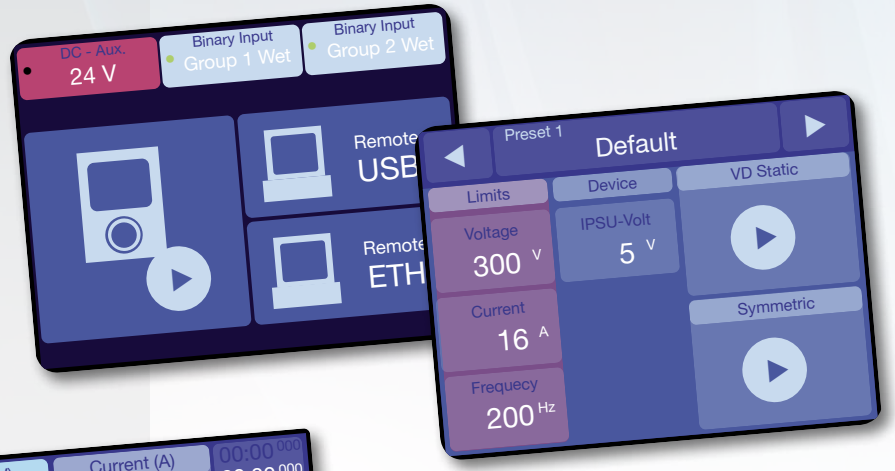
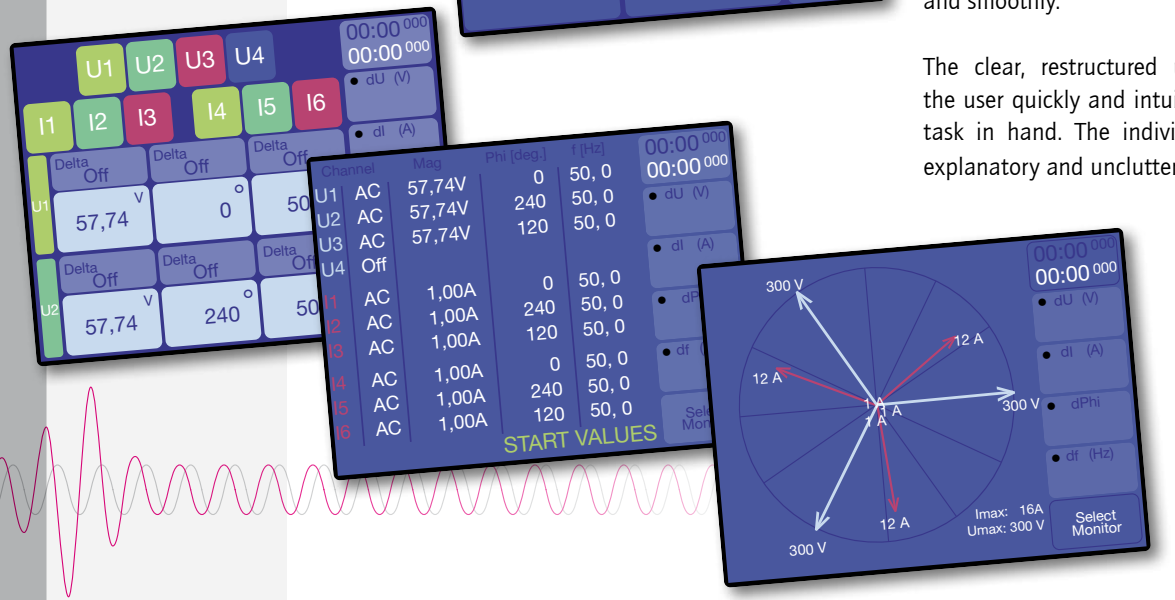
POWERFUL ERGONOMIC VERSATILE





The new TJCP Operator Interface!

A new operating concept and extra powerful hardware make the relay test system speedier than ever before. The test instrument responds directly to user actions and can switch fast from one menu to another, all processes run swiftly and smoothly.

The clear, restructured user interface guides the user quickly and intuitively to complete the task in hand. The individual screens are self-explanatory and uncluttered.

- High-resolution, resistive 3.5" touch screen
- Ergonomic jog wheel for fast, easy settings
- An illuminated ring and acoustic signals indicate system status during settings and tests
- USB and Ethernet interface for direct connection to PCs and networks
- Smart touch technology for easy operation
- User actions, such as amplitude, phase angle or frequency adjustments, are processed in real time and executed without delay
- Test settings can be selected from templates

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