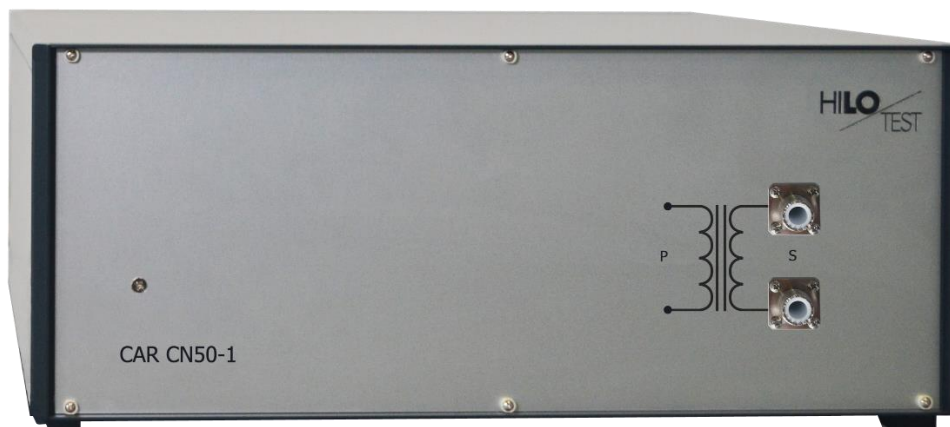


CAR – Coupling Network

CAR – CN50-1

Coupling network for low frequency sinusoidal disturbances

- **Coupling transformer**
- **Frequency range 30Hz – 300kHz**
- **Voltage capability: 600V**
- **Current capability: 50A (rms)**



According to
ISO 7637-4: 2020

The CAR coupling network 50-1 is used to couple, according ISO 7637-4:2020, the required sinusoidal disturbances into the DUT. This transformer also facilitates d.c. isolation of the LF generator from the DUT. The transformer has a current rating of 50A (rms) for the DUT.

The software program CAR-remote permits the PC control of the CAR-System via Ethernet and allows the standardized documentation according to IEC 17025 and the evaluation of test results.

Control	Description
CAR-REMOTE-AWG	Remote software with Impulse Recording Function (IRF) (XP, WIN7, WIN10) incl. Ethernet switch

Sales Partner:



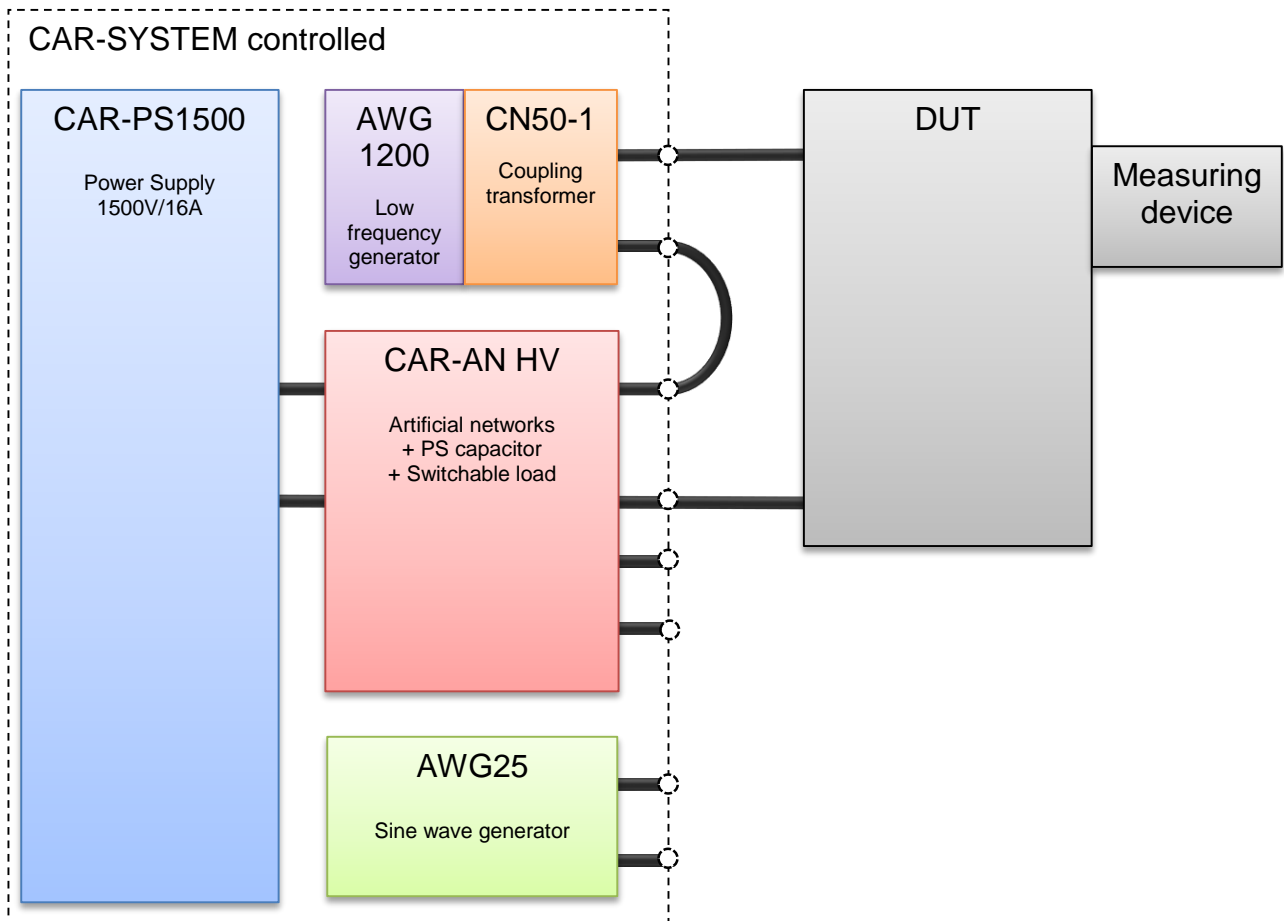
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Setup for a full setup to fulfil standard ISO7637-4:2020:

In example for connection of pulse B (“in-line HV+”):



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TECHNICAL SPECIFICATIONS:		CAR – CN50-1
Mainframe		
Ethernet Interface for remote control of the generator	Built-in	
Connector for external safety interlock loop	24 V=	
Mains power	90V - 264V, 50/60 Hz	
Dimensions, case, W * H * D	450*180*500 mm ³	
Weight	10kg	
Transformer		
Isolation transformer		
Frequency range	30Hz – 300kHz	
Max. Power	200W	
Max. Current	50A (rms)	
Max. Voltage	600V	
Cooling	Controlled fans and heat sink	
Overcurrent Protection with CAR SYS	Magnetic and Thermic	
Triggering with CAR SYS	Software - Manual - Extern	
Trigger output with CAR SYS	For Oscilloscope	

Sales Partner:



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