ACC
CAPACITIVE COUPLING CLAMP FOR AUTOMOTIVE TESTING

FOR TESTS ACCORDING TO ...
› ISO 7637-3:2007
› ISO 7637-3:2016

COUPLING OF FAST TRANSIENT PULSES TO I/O LINES
The capacitive coupling clamp ACC is used to couple fast transient pulses to I/O lines as required in different national and international standards and car manufacturer specifications for automotive testing. The effective coupling capacitance depends on the diameter and the material of the used cables. A typical value will be around 100 pF.

HIGHLIGHTS
› Strictly acc. to ISO 7637 and many car manufacturer specifications
› Precise construction with highest quality surfaces
› Accept cables up to 40 mm diameter
› Characteristic impedance 50 Ohm

APPLICATION AREAS
AUTOMOTIVE
THE CAPACITIVE COUPLING CLAMP

Max. Voltage: 1.00 kV
Dimension: 1000 mm x 140 mm, (total 1200 mm)
Height: 27 mm between Reference GND - Coupling plate
Connector: High voltage connector, coaxial
GND connection: screw slots
DUT cable: up to 40 mm diameter

INCLUDED ACCESSORIES

KW 50: Coaxial 50 ohm attenuator for EFT/Burst transient calibration
HVE 1 m: Cable for connecting a UCS 200N to the ACC

GENERAL DATA

ENVIRONMENT

Temperature: 10° C to 40° C
Rel. humidity: Max. 85 %, non condensing
Atmospheric pressure: 86 kPa (860 mbar) to 106 kPa (1,060 mbar)

DIMENSION AND WEIGHT

Dimension: 1250 mm x 300 mm x 93 mm, L x W x H
Weight: 11.5 kg
Information about scope of delivery, visual design and technical data correspond with the state of development at time of release. Subject to change without further notice.