

LKO-720
receiver



Locate wires and cables with the LKZ-720 Wire Tracer

Main features

- detection of wires and cables (live or not)
- tracing underground cables
- tracing conductive water and heating pipelines
- flow and accurate locating the object
- phase detection mode
- operation in wide range of rated voltage, up to 500 V RMS
- five modes of wire tracer operation - voltage, current, current-voltage, power and clamp
- additional accessories enable precise localization - such as contact or non-contact probes and measurement clamp

...and much more

- the function 3D in the receiver - detecting the direction of current
- receiver operation with four transmitters at the same time to locate interruptions or distinguish wires
- a LED bright torch
- headphone socket in receiver
- screens backlight for work in dark
- transmission battery status and settings of the transmitter to the receiver
- measurement of voltage at the object to 500 V RMS
- three levels of transmitter amplification
- automatic or manual selection of transmitter operation modes
- software upgrade via USB



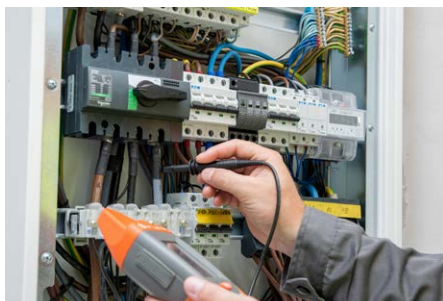
LKN-720
transmitter



Application

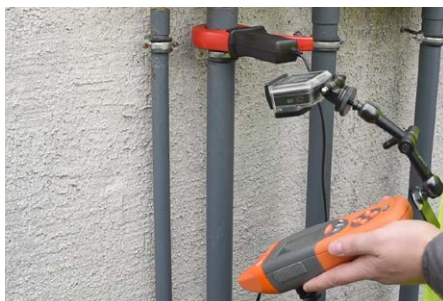
Detection and tracing cables in ceilings, walls and floors

In response to the needs of customers, the LKO-720 has a specially designed 3D antenna that raises the precision of the wire tracing. Determine direction of wires in concrete up to 5 cm will not be a problem now.



Locating power points and switches in buildings

pulse generated by a LKN-720 transmitter with a specific frequency allows to locate and identify sockets and switches in energized and de-energized circuits.



Identification of fuses on the distribution board

Thanks to the precise sensor in LKO-720 and additional contact and non-contact probes, identify of breakers and fuses now will be easily and time-saving.



Possibility to tracing in no access conductors

LKO-720 with C-8 clamp used in the current mode or in other mode forcing current, allows to uniquely identify wire or cable with a forced current signal.



Non-contact detection of live cables

LKO-720 allows to precisely detect energized wires in air and concrete without additional probes.

Additional areas of use

- detection of breaks in cables and wires
- locating short circuits between leads
- tracing shielded cables
- tracing cables in metal ducts
- tracing underground cables
- tracing conductive water and heating pipelines

Technical specification

insulation type acc. to EN 61010-1	double	
transmitter measurement category acc. to EN 61010-1	III 600 V	
transmitter ingress protection rating acc. to EN 60529	IP67	
receiver ingress protection rating acc. to EN 60529	IP40	
transmitter power supply	4 x AA alkaline batteries or 4 x Ni-MH rechargeable batteries	
maximum transmitter operating voltage	500 V RMS	
maximum depth of the analysed object	("I" mode) 2 m 6.6 ft	
maximum range of contactless neon probe	in air	50 cm 1.6 ft
	in concrete	5 cm 0.16 ft
receiver power supply	9 V 6LR61 alkaline battery	
operating temperature	-10°C...+50°C 14°F...122°F	

LKZ-720 | Standard accessories



LKN-720 transmitter
WMGBLKN720



LKO-720 receiver
WMGBLKO720



M-6 carrying case
WAFUTM6



Test lead with banana plugs; 1 kV; 1.2 m; red / blue
WAPRZ1X2REBB
WAPRZ1X2BUBB



Crocodile clip 1 kV 20 A red / blue
WAKRORE20K02
WAKROBU20K02



Test probe with banana socket; 1 kV; red / blue
WASONREOGB1
WASONBUOGB1



Test lead with banana plugs on reel; 1 kV; 20 m; red
WAPRZ020REBBSZ



Earth contact test probe (rod) 25 cm
WASONG25



Non-contact probe
WASONBDOT



Mini-USB cable
WAPRZUSBMNIB5



M1 hanging straps
WAPOZSZE4



Declaration of verification

LKO-720 | Standard accessories



Non-contact probe
WASONBDOT



Mini-USB cable
WAPRZUSBMNIB5



M-6 carrying case
WAFUTM6



Declaration of verification

LKN-720 | Standard accessories



Test lead with banana plugs; 1 kV; 1.2 m; red / blue
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Crocodile clip 1 kV 20 A red / blue
WAKRORE20K02
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Test probe with banana socket; 1 kV; red / blue
WASONREOGB1
WASONBUOGB1



Test lead with banana plugs on reel; 1 kV; 20 m; red
WAPRZ020REBBSZ



Earth contact test probe (rod) 25 cm
WASONG25



M1 hanging straps
WAPOZSZE4



Declaration of verification

LKZ-720 | Optional accessories



N-1 transmitting clamp
WACEGN1BB



Double-wire test lead 2 m for N-1 clamp (banana plugs)
WAPRZ002DZBB



C-8 clamp
WASONCEGC8



C-3 clamp
WACEGC30KR



C-3 clamp adapter
WAADALKOC8



Magnetic voltage adapter black / blue
WAADAUMAGKBL
WAADAUMAGKBU




WS-05 adapter with UNI-SCHUKO angular plug
WAADAWS05



Test lead 2 m CAT IV 1000V (banana plugs, fused 10 A) black / blue / green / red / yellow
WAPRZ002BLBBF10
WAPRZ002BUBBF10
WAPRZ002GRBBF10
WAPRZ002REBBF10
WAPRZ002YEBBF10



Pin probe, black 11 kV (banana socket)
WASONBLOGB11



Universal magnetic hanging strap
WAPOZUCH6



Contact probe
WASONDOT



M1 hanging hook straps
WAPOZUCH1

LKO-720 | Optional accessories



C-8 clamp
WASONCEGC8



C-3 clamp
WACEGC30KR



C-3 clamp adapter
WAADALKOC8



Contact probe
WASONDOT

LKN-720 | Optional accessories



N-1 transmitting clamp
WACEGN1BB



Double-wire test lead 2 m for N-1 clamp (banana plugs)
WAPRZ002DZBB



Magnetic voltage adapter black / blue
WAADAUMAGKBL
WAADAUMAGKBU




Test lead 2 m CAT IV 1000V (banana plugs, fused 10 A) black / blue / green / red / yellow
WAPRZ002BLBBF10
WAPRZ002BUBBF10
WAPRZ002GRBBF10
WAPRZ002REBBF10
WAPRZ002YEBBF10



Universal magnetic hanging strap
WAPOZUCH6



M1 hanging hook straps
WAPOZUCH1