

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

LKO-720
receiver



LKN-720
transmitter



Application

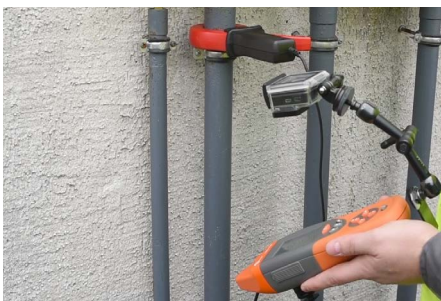
Detection and tracing cables in ceilings, walls and floors

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 2" (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	double, acc. to EN 61010-1	
transmitter measurement category	III 600 V acc. to EN 61010-1	
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) 6.6 ft (2 m)	
maximum range of contactless neon probe	in air	19.7" (50 cm)
	in concrete	2.0" (5 cm)
receiver power supply	9 V 6LR61 alkaline battery	
operating temperature	+14°F...+122°F (-10°C...+50°C)	

Standard accessories



LKN-720 transmitter
WMUSLKN720



LKO-720 receiver
WMUSLKO720



M-6 carrying case
WAFUTM6



Test lead with banana plugs; 1 kV; 3.9 ft (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; 65.6 ft (20 m); red
WAPRZ020REBBSZ



Earth contact test probe (rod) 9.8" (25 cm)
WASONG25



Non-contact probe
WASONBDOT



Mini-USB cable
WAPRZUSBMNIB5

Optional accessories



N-1 transmitting clamp
WACEGN1BB



C-8 clamp
WASONCEG8



C-3 clamp
WACEGC30KR
C-3 clamp adapter
WAADALKOC8



Double-wire test lead 6.6 ft (2 m), for N-1 clamps (banana plugs)
WAPRZ002DZBB



Magnetic voltage adapter black / blue
WAADAUMAGKBL
WAADAUMAGKBU



WS-05 adapter with UNI-SCHUKO angular plug
WAADAWS05



Test lead 6.6 ft (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