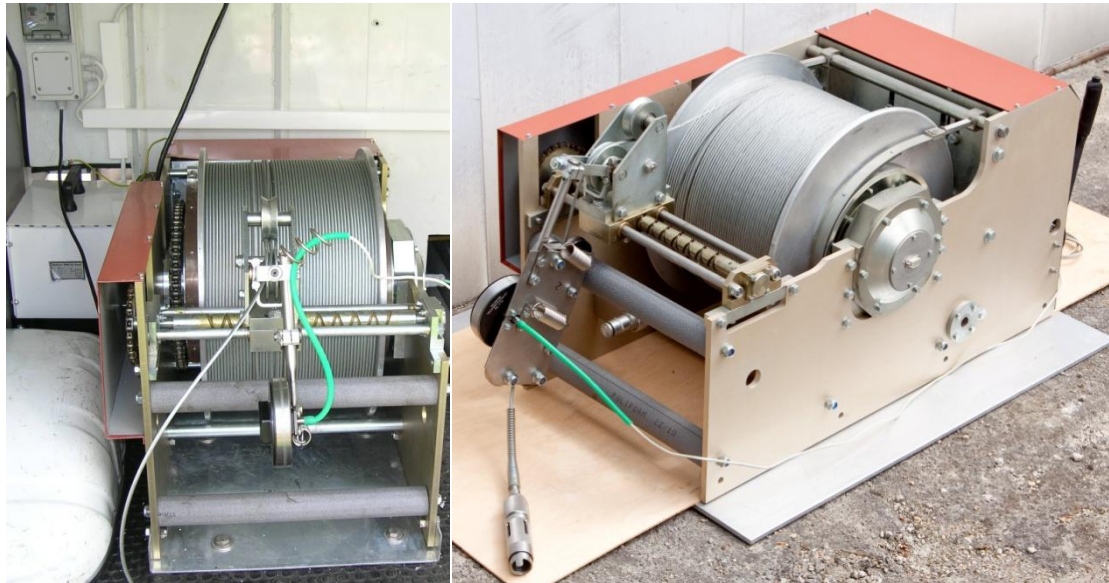


What equipment we can supply, what kind of gauging services we can provide! (Detail)

Instrument Sales - Training - Service - Consulting - Coupling - Common R&D Opportunity!

Milyen berendezéseket tudunk szállítani, milyen szelvényezési szolgáltatásokat tudunk nyújtani! (részlet), Műszer eladás - betanítás - szervíz - tanácsadás - szelvényezés - közös K+F lehetőség!

Winch: 300 - 600 - 1000 - 2200 m



PCLOGGER, (IP30, IP64)



WINLOGGER SOFTWARE

Screen/printer log display in calibrated engineering units, Selectable depth sample interval (1, 5, 10, 20, 50, 100 cms etc), Metric and API format, Data export in ASCII (LAS) format, Compatible with Windows 10 and earlier OS!

Wireline logging equipments



PROBES (pl.)

BOREHOLE GEOMETRY

3-ARM CALIPER

IMPELLER FLOWMETER

DEEP WATER SAMPLING

ELECTRIC LOG

MICRORESISTIVITY

POT 16" - 64", GRAD.....

FOCUSSED ELECTRIC (GUARDLOG)

NATURAL GAMMA

SPECTRAL GAMMA

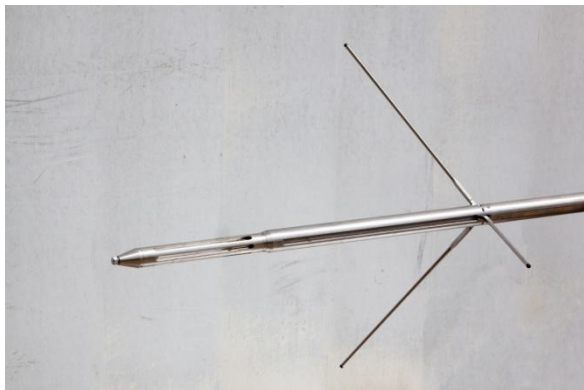
TEMPERATURE CONDUCTIVITY

FULL WAVEFORM SONIC

NEUTRON - NEUTRON

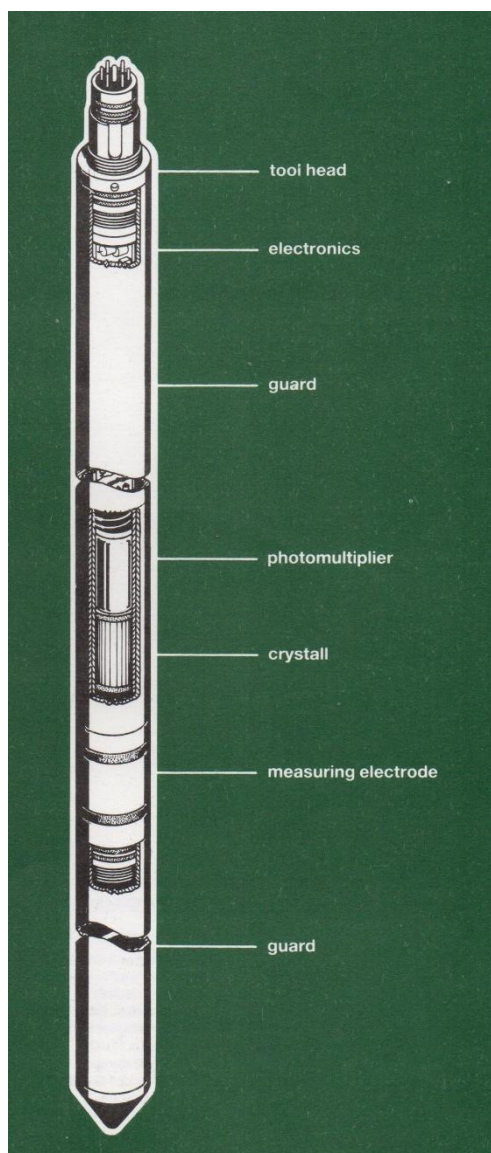
GAMMA - GAMMA

.....



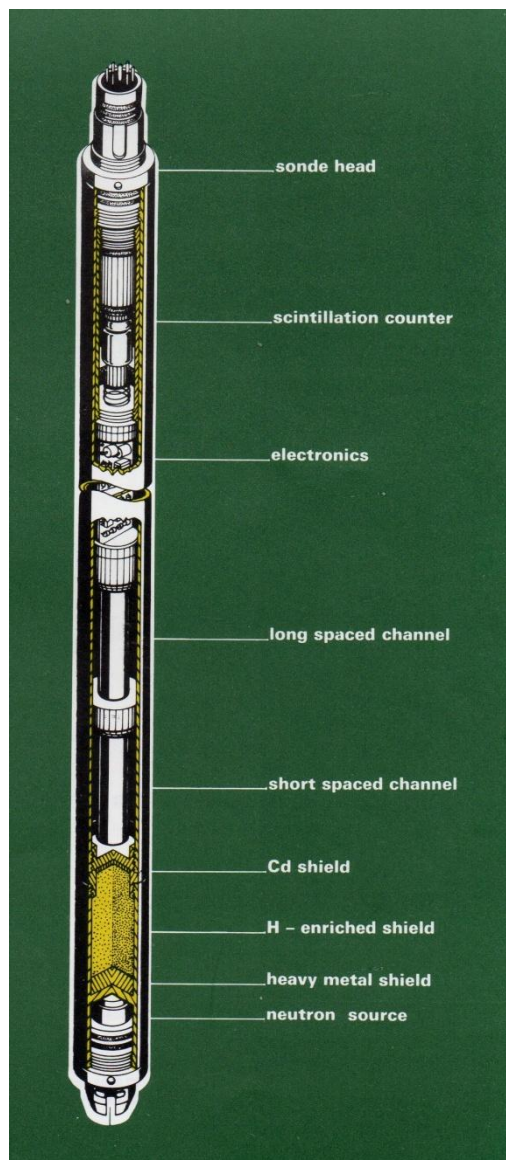
KLL3G-2-80-43Y

TWO PARAMETER LATEROLOG-NUCLEAR TOOL



KRGNN-3-120-43sHY

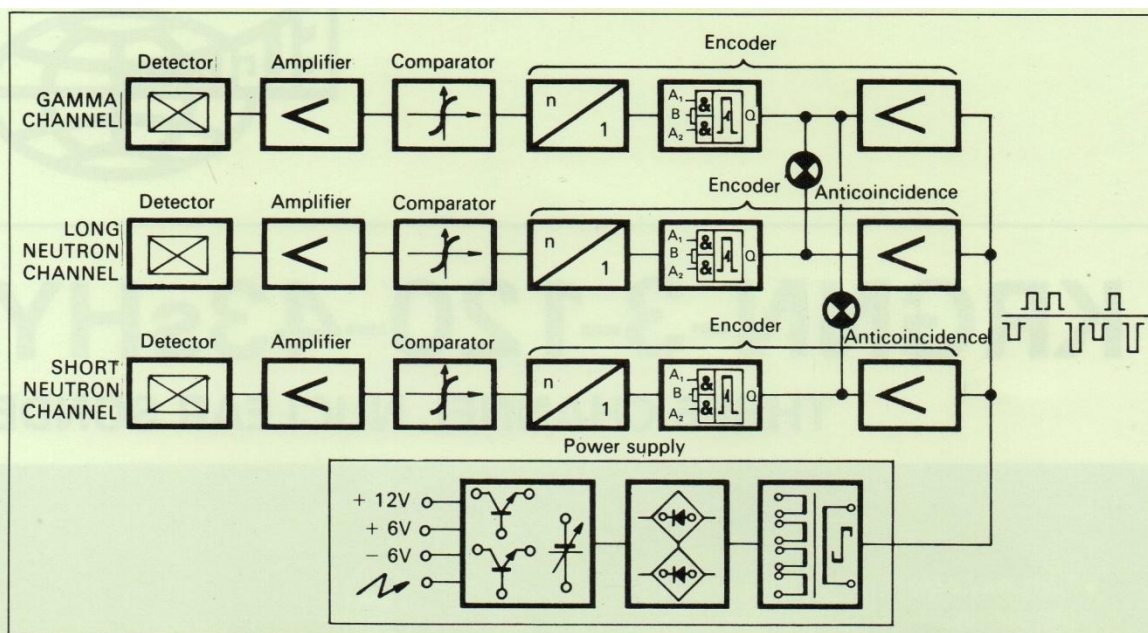
THREE CHANNEL NUCLEAR SONDE



SPECIFICATION

Power requirement	100 mA, 35 V DC
Measurable parameters	guard laterolog + natural gamma radiation
Resistivity measurement range	0 to 10 000 Ω m, the concrete range can be set on the surface unit
Natural gamma channel	
Measurement range	0-2000 μ R/h
Dead time	2 μ s
Detector	NaI(Tl) single crystal + photomultiplier
Heat tolerance	80 °C
Dimensions	
Diameter	43 mm
Length	2300 mm
Pressure rating	26 MPa
Cable head	7 guilt contact connector with 36 mm diameter
Applicable cable	single-core armoured cable

In the interest of easy transportation the tool can be dismantled to two parts with similar lengths.



SPECIFICATIONS

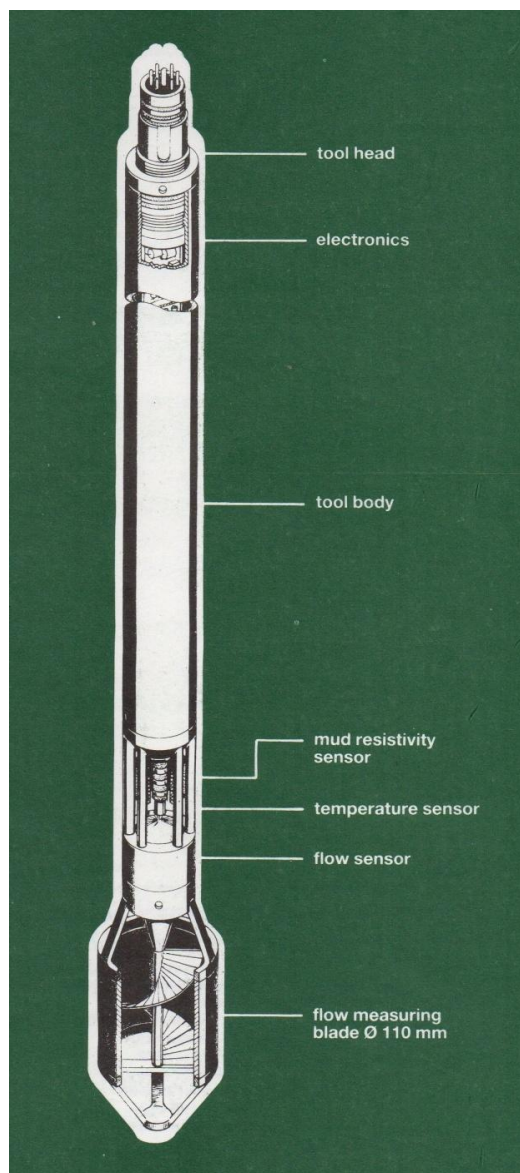
Power requirements	30 V D.C.
Detectors	
gamma-ray channel	NaI(Tl) scintillator
neutron channels	He ³ filled proportional neutron detectors
Dead time	2 μ s
Range of porosity	0 to 42%
accuracy	$\pm 0.35\%$ at 15% porosity
Cable	single conductor armoured logging cable
Cable head*	$\varnothing 36$ mm, with 7 conductors (CMEA standard)
Dimensions	
diameter	43 mm O.D.
length	2600 mm
Source-detector spacings	
short channel	350 mm
long channel	650 mm
	} the reference point is at the middle of the detectors sensitive length
Temperature rating	-5 to +120 °C
Pressure rating	26 MPa
Neutron source recommended	10 ⁷ n/s Am Be

The sonde can be extended with a magnetic Casing Collar Locator, thus modifying the type to

KRGNNL-4-120-43sHY

KTRMQ-3-120-43Y

TEMPERATURE-FLUID RESISTIVITY-FLUID FLOW MEASURING TOOL

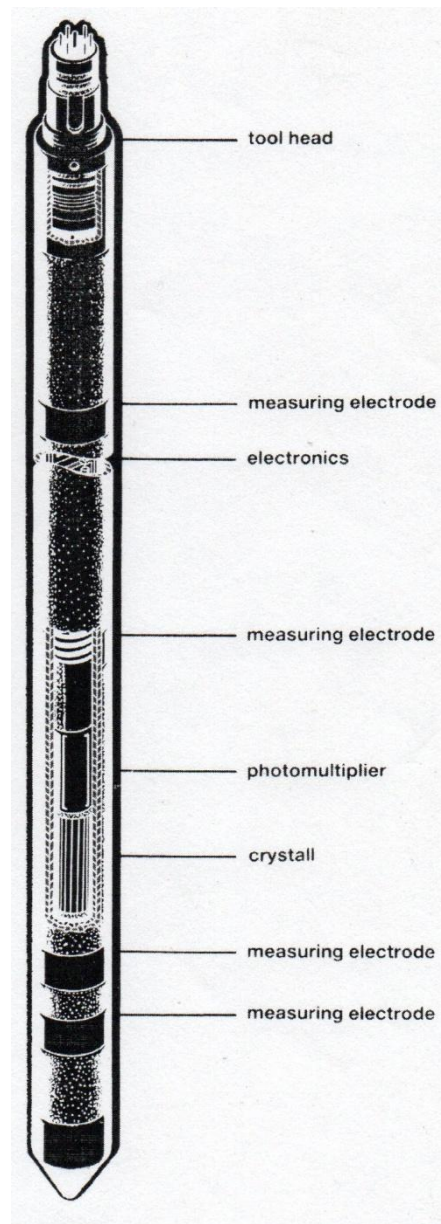


SPECIFICATION

Power requirements	50 mA, 30 V DC
Measurable parameters	fluid flow fluid resistivity fluid temperature
Fluid flow measurement	
Flow meter diameter	43 mm 65 mm 110 mm
Blade pitch	110 mm 110 mm 110 mm
Threshold sensitivity	2 turn/min 2 turn/min 2 turn/min
Temperature measurement	
Measurement range	120 °C
Absolute accuracy	± 1 °C
Resolution	> 0.05 °C
Time constant	2 s
Fluid resistivity measurement	
Measurement range	60 Ωm
Absolute accuracy	± 1 %
Resolution	0.05 Ωm
General parameters	
Pressure rating	260 bar
Heat tolerance	120 °C
Length	1500 mm
Diameter	43, 65, 110 mm depending on the flow sensor
Mass	7 kg
Cable head	36 mm diameter connector with 7 gult contact
Applicable cable	single-core armoured cable

KGRRSP-4-80-44

FOUR PARAMETER SONDE



Features:

- Four parameters simultaneously: 16", 64" normal potential, natural gamma radiation and SP
- Dead time and coincidence free circuitry
- Pulse transmission with high resolution
- High working stability
- Rugged construction
- Operated on single conductor cable
- Small diameter: 44 mm O.D.

The tool is developed for mineral and water exploration purposes. The depth matching of the log is carried out by the measuring program automatically.

The sonde works with "bridle" cable connection to logging cable.

Specifications *:

- | | |
|--------------------------|--------------------|
| - Power: | 35V D.C.
110 mA |
| - R16", R64" range: | 0.1 - 2000 Ohmm |
| - SP range: | -900 mV - +900 mV |
| - GR: | 0 - 2000 cps |
| - Dimensions: | Ø43mm × 2200mm |
| - Operating temperature: | -5 - +80 °C |
| - Pressure rating: | 26 MPa |