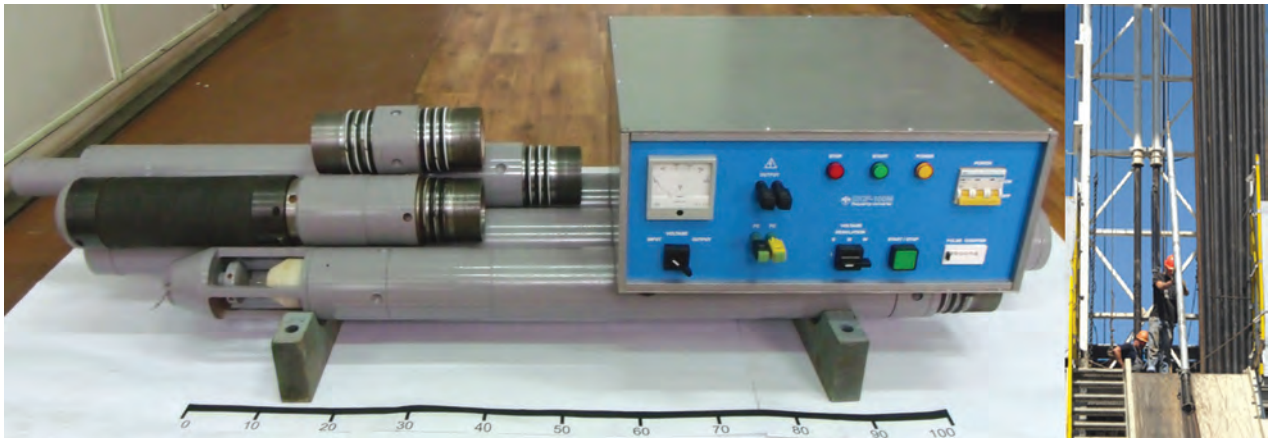


SKIF-100M ELECTRODISCHARGE DEVICE



Areas of Application

The device is to be used for treating the bottom-hole zones and for increasing the productivity of oil, gas, injection, and artesian wells

Specification

Power consumption, kW · h	2.0
Overall dimensions of the surface part, mm	555 × 500 × 245
Overall dimensions of the submersible part, mm:	
diameter	102
length, at most	4700
Weight, kg:	
the surface part	≤25
the submersible part	≤140
Working temperature, °C	<100
Hydrostatic pressure, MPa	<45
Power supply	380 ± 10% V, 50 ± 1% Hz

Advantages

Environmental safety, high efficiency, and high success rate of treatment (≈80%); aftereffect lasting from 10 to 24 months; selectivity of effect in the localized area of stratum; simplicity and reliability; minimum power consumption; multiple cyclic operation of set assembly. Having been implemented on several hundred wells in Ukraine, Kazakhstan, China, and in other countries, the device enables a more than 2 time increase in flow rate of oil or water

IPR Protection

IPR3

Stage of Development.

Suggestions for Commercialization

IRL7, TRL8

Manufacture, delivery and maintenance of the device through the warranty period, as well as personnel training are provided upon request

Contact Information

Serhii V. Petrichenko, Institute of Pulse Processes and Technologies of the NAS of Ukraine;
+38 0512 587 110, e-mail: iipt@iipt.com.ua