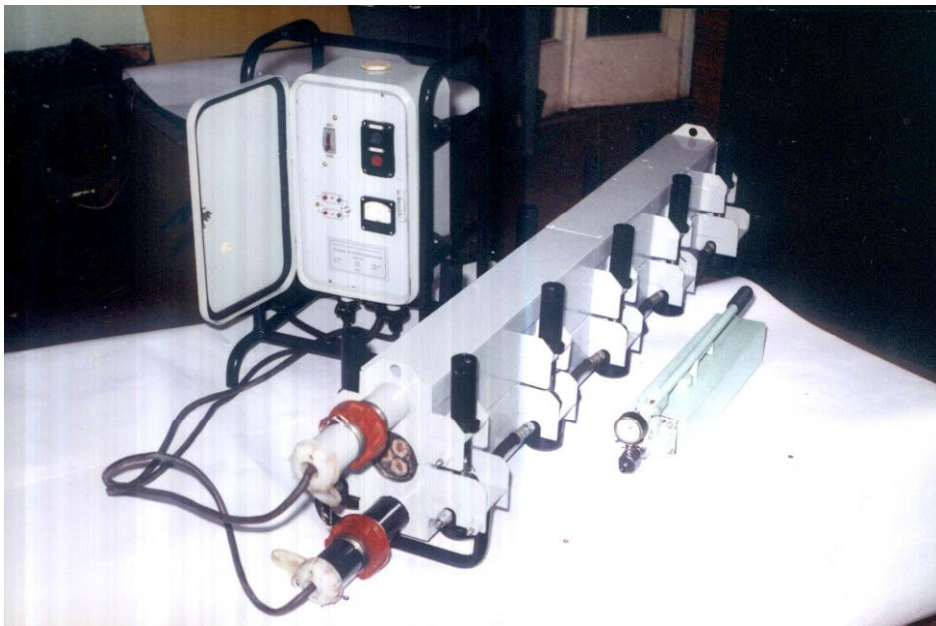




Technology and equipment for high-voltage flexible cables, up to 35 kV, connection and renewal

Technology and equipment for connection and renewal of power flexible cable with copper core, rubber insulated, rubber cover cable by hot vulcanization method, used to connect portable mechanisms to electrical networks with insulated neutral at rated voltages 6, 10, 12, 20 and 35 kV of alternative current.

Technology provides for widely-distributed repairing materials excluding costly solders and fluxes of current conducting strands connections from technological processes, high safety level and electrical safety.



Basic technical characteristics

Dimensions	Apparatus designation			
	AVK-35	AVU-1	AVP-1	AVP-2
Renewal cable (strand) diameter, mm	80-100	40-80	14-60	
Renewal part length, mm	1600	600	210	460
Heating time up to vulcanization temperature, min	30		35	
Heating temperature, °C	160±5	150±5	150±5	
Power voltage, V	380		220	
Consumable capacity, Wt	8000	3000	800	1200
Weight, kg	160	70	21	34
Overall dimensions, mm	1740×360×410	760×390×430	420×240×300	480×420×300

Technology and equipment are introduced at “Volnogorsk Iron and steel works”, JSC “Yenakievo Metallurgical works”, JSC “Alchevsk Iron and Steel works”, Mine Concentrating Holding Company “Tula coal”, MHC “Ananit”, “Yakut diamond”, “Volzhski automobile works” and etc.