

**TABLE FOR COMPARING THE FUNCTIONALITY OF DIAGNOSTIC
DEVICES FOR WINDINGS OF ELECTRICAL MACHINES**

Name of checking	Name of the device			
	IDVI-04	IDVI-05	IDO-06	IDO-07
Checking the three-phase winding for the presence of turn-to-turn short circuits, phase loss and the correct connection of the phases	×	√	√	√
Checking the coils of the windings laid in the slots for the presence of turn-to-turn short circuits	√	√	×	√
Checking pole coils for turn-to-turn short circuits	√	√	×	×
Checking deterioration of turn-to-turn insulation of three-phase random windings	×	√	×	×
Checking the coils of the windings laid in the grooves for mechanical damage to the turn-to-turn insulation	√	×	×	×
Checking short-circuited rotors for the presence of bar breaks	×	√	×	×
Checking the insulation condition of the windings relative to the machine body and between the windings	√	√	√	√