



ESKO

# Equipment for the prevention of icing on a trolleybus overhead lines





**ESKO**

The equipment  
for the  
prevention of  
icing on an  
overhead line  
ensures  
continuous  
operation of  
trolleybus lines  
during winter  
times.

No more manual  
de-icing.





# ESKO

The equipment is using special environmentally friendly de-icing solution.

The nozzle sprays evenly the solution on the overhead lines depending on the speed of the vehicle preventing formation of ice.

The de-icing solution remains on the overhead wire for up to 12 hours after application.





ESKO

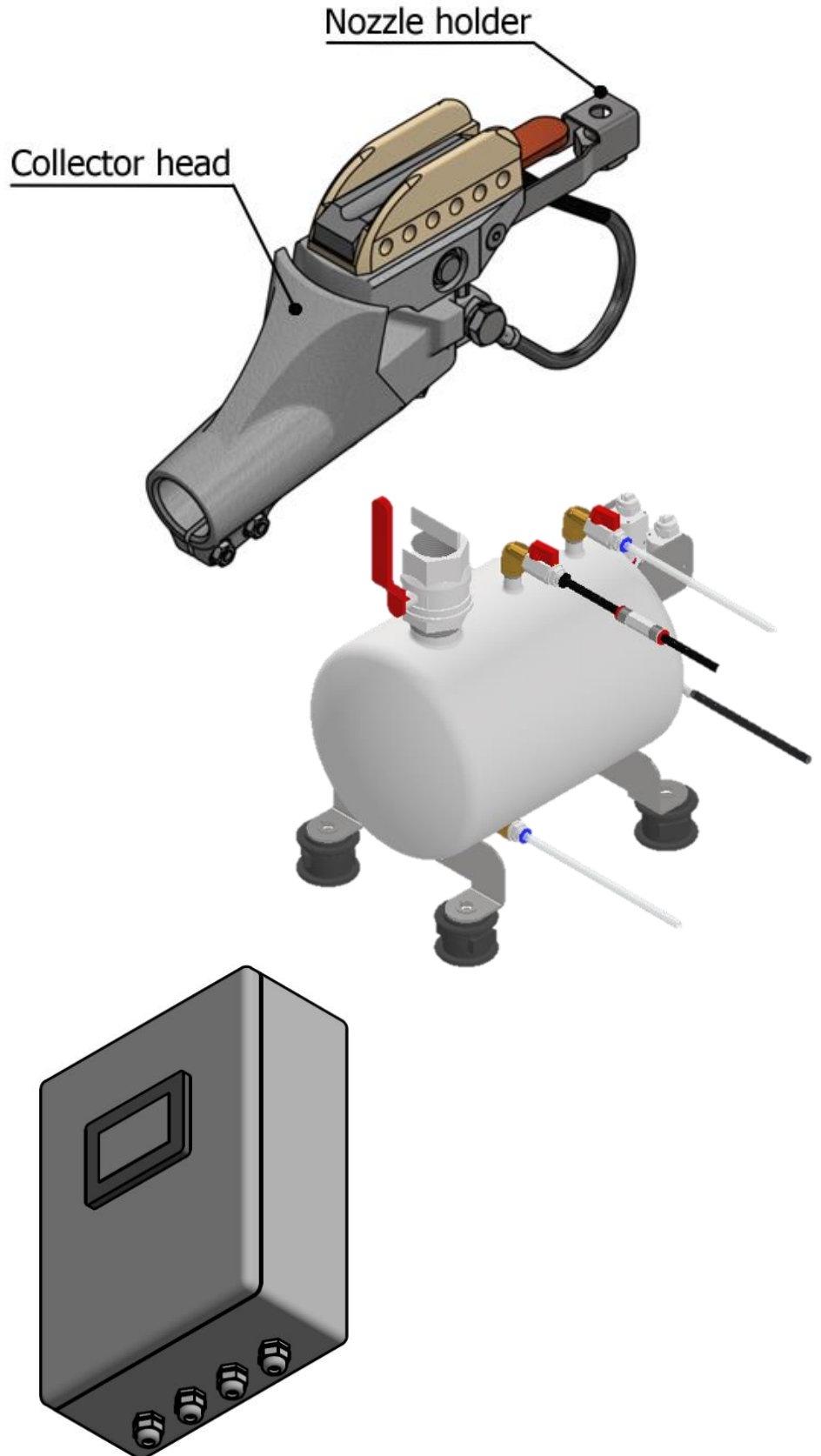
The main components of the de-icing equipment consist of:

Collector head with nozzle holder

Pressure tank 9,5l (2,5 US gal)

Control cabinet with control unit and display

Hoses, wires etc.



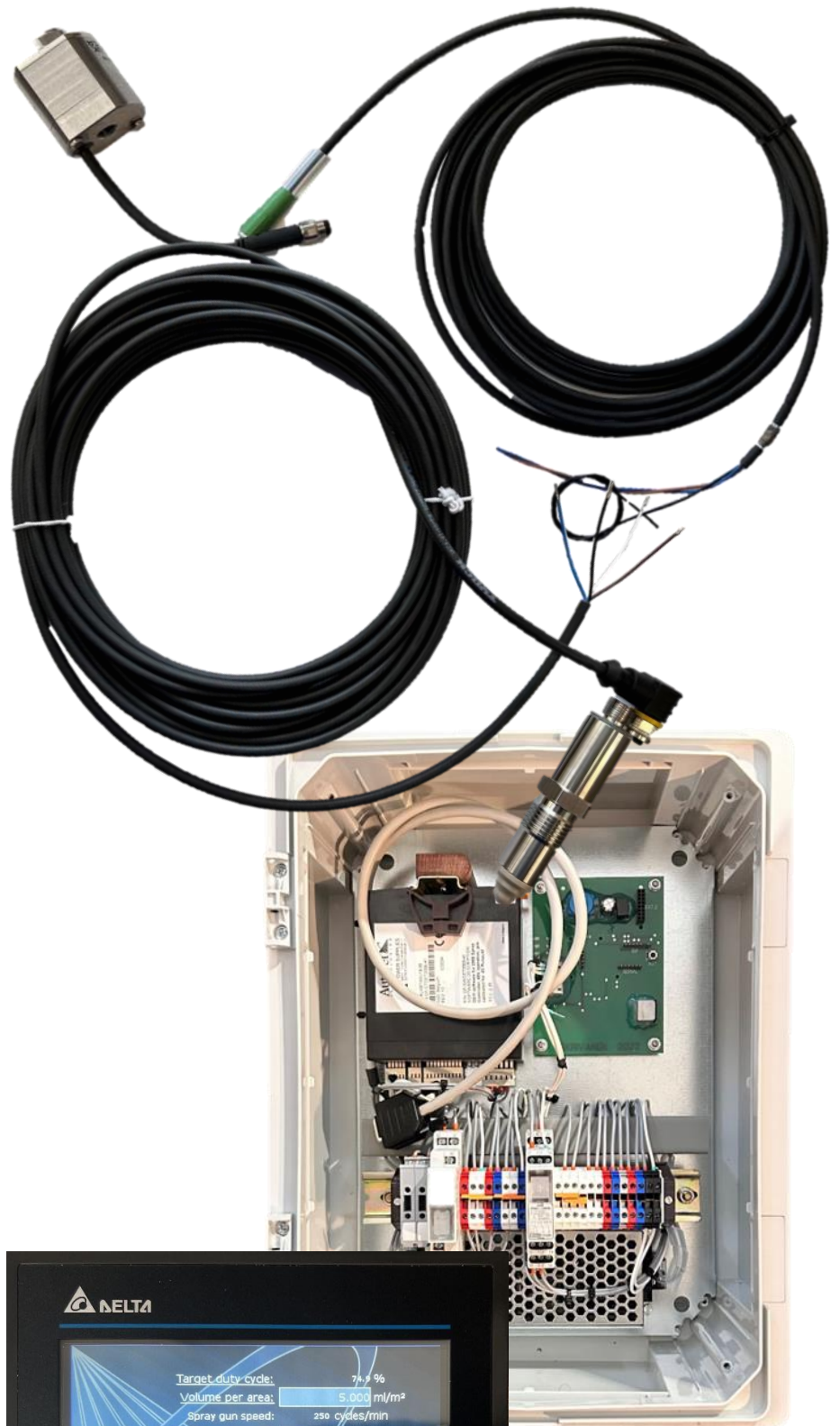


ESKO

Air supply for the tank is from the vehicle's air system.

The equipment is using 24V from the vehicle.

Hoses are mounted on a collector pole or they are routed through the pole.





# ESKO

The de-icing Equipment is in use in many cities such as Lithuanian city of Kaunas, or Czech cities of Jihlava, Prague, Hradec Králové, Pilsen and Pardubice.

In Prague, trolleybuses are equipped with the de-icing equipment right from the factory.

The device can be retrofitted to any vehicle.



**ŠKODA**  
TRANSPORTATION



**SOLARIS**



ESKO

Simple diagram  
of a vehicle  
equipped with  
the de-icing  
equipment:

