General view of the TEC-DNS-02 Directional Neutron Source produced for accurate measurements including from the left automatic servo motor, neutron reactor, service module, capacitor, detectors and power unit.

An illustration of the hydrogen flow through the electrode gap producing a predominantly directional neutron flux.
A view of the neutron reactor including the neutron and gamma probes of the Ludlum detectors 375 and M30.

A view of the remote-control servo motor for the control of the gap between the electrodes, showing its electrical insulation from the reactor.
A view of the service module including the priming station, remote pressure gauge and flow meter, along with 2 pumps for different Hydrogen flows.

The main bank of the dual Ludlum neutron and gamma detector model 375.
The 3 power units available with the TEC-DNS-02, including TEC 6Kw power unit, Magnapower 10Kw power unit and TEC 12Kw power unit.

Remote control panel including: the neutron and gamma CPS display of the Ludlum 375 and Model M30, flow meter, pressure sensor, and speed & gap controls of the arc.