

CONTRAST MEDIA INJECTOR

CANopen-based CT imaging

Medtron and Siemens designed the Accutron CT-D CT861-2 injector communicating with Siemens Somatom go CT scanners via a CANopen interface.



The Accutron CT-D CT861-2 double-head injector with a support arm (Source: Medtron)

The double-head injector is needed for clinical CT (computer tomography) imaging procedures. It is mountable on the gantry by means of a Siemens support arm in which the power supply cable is routed. The company's CANopen interface Class IV allows a wireless synchronization of the injector and the scanner system to achieve an optimal workflow. The injector is compatible with the CT scanners Go.Now, Go.Up, Go.All, and Go.Top.

The introduced injector version offers a clutter-free workflow and supports easier cleaning as its predecessors, said the manufacturer. The device includes radiographers, multi-phase injection profiles, and the pre-inject function. Simultaneous injection of contrast media and saline is possible as well. By mounting the injector onto the gantry, it is available next to the CT scanner table. This integration also enables a positioning closer to the patient.

Medtron is a globally active company working in the field of medical engineering. It manufactures contrast medium injectors used across the globe within the imaging systems, such as magnetic resonance imaging, computed tomography, and angiography. The German company is also contributing to the development of the CiA 425-2 profile specification for CANopen

injectors.

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