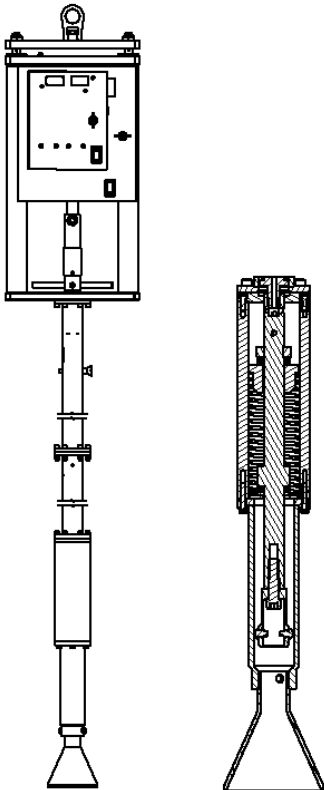


Battery Operated CEA Extension Shaft COupling/Uncoupling Tool (SCOUT 2.0)

Description

SCOUT 2.0 is a semi-automated system that keeps all of the advantages of the original SCOUT while significantly reducing pneumatic and hydraulic maintenance issues. SCOUT 2.0 further reduces the chance of human performance errors and increases productivity and safety.

SCOUT 2.0 utilizes an electric actuator to couple and uncouple the Control Element Assembly (CEA) from its extension shaft, replacing the existing pneumatic and hydraulic design. The tool is powered by off-the-shelf 12-volt batteries (or 120-volt power source) and operated with a user-friendly tool-mounted controller.



Customer Benefits

SCOUT 2.0 simplifies the tool design reducing the need for routine maintenance and integrates a simplified control console mounted on the tool.

SCOUT 2.0 Advantages:

- Powered by either 12-volt battery or 120-volt power source
- Elimination of pneumatic and hydraulic controls
- Lightweight design and ease of set-up and assembly/disassembly for storage or shipping
- Fewer manual operations to reduce human performance errors
- Programmable maximum loading prevents potential damage
- Fail safe operation prevents inadvertent actuator operation
- Built-in spring hanger to reduce worker fatigue
- Pinch point removal
- More durable and easily replaceable "L-slot" and "J-slot" pins



www.westinghousenuclear.com/operatingplants/reactorservices

Westinghouse Electric Company LLC.
2024 All Rights Reserved
1000 Westinghouse Drive
Cranberry Township, PA 16066

www.westinghousenuclear.com

