

AccuShift™

THERMAL SHIFTING TOOL



OVERVIEW

Interra Energy's AccuShift™ thermal shifting tool is used to operate Interra's AccuSteam® injection valve and AccuFlow™ production valve, as well as third-party thermal valves. The shifting applications are primarily in SAGD wells, which are known for being high temperature, debris laden and corrosive environments. Wells can be in operation for multiple years before a shifting job is performed, so reliability and simplicity of operation are of upmost importance.

OPERATION

The AccuShift thermal shifting tool is run on coiled tubing into a well to the valve to be shifted open or closed. Once in position, flow is initiated down the tubing exposing the locating keys. The tool is then moved through the valve, auto locating and shifting the sleeve to the required position. Once the sleeve has been shifted, flow down the tubing is stopped and the tool can be moved to any other interval to repeat the process.

The AccuShift tool can selectively shift valves in any sequence in one trip. In older wells, some operators elect to combine the shifting tool with Interra's hammer and jar assembly to ensure all valves can be operated in highly corroded environments.

SPECIFICATIONS

Tool Size mm (in.)	Min. ID mm (in.)	Max. OD mm (in.)	Made up Length m (ft)
88.9 (3.500)	Various	68.07 (2.68)	1.41 (4.62)
114.3 (4.500)	Various	93.40 (3.68)	1.52 (4.99)

Features & Benefits

- ★ Selectively shift valves in any order.
- ★ Flow activated design.
- ★ Adjustable activation rate.
- ★ Auto-locate and disengage from sleeves once fully shifted.
- ★ Thermal rated to 200°C (392°F).
- ★ Can shift third-party valves.
- ★ Slimhole designs available.
- ★ Hammers and accelerators assist with shifting.
- ★ One trip design.