

EMT-WRTV RETRIEVER & EMT-SGV SERVICE VALVE

Description

The **EMT-WRTV** retrievers and service valves are designed to insert and retrieval the target assembly that include conventional 2" corrosion monitoring assemblies and special plug assembly of EMT pig detector under pressure.

An original medium isolation system and two gear drive machines are used to lessen the maintenance workload and to improve the operational security and ease of use. When gas or liquid enters the retriever through the service valve, the system pressure exerts a load on the mandrel rod (push out) which is countered by two opposing loads on the two pistons of medium isolation system (pushing in), the pressure load is balanced.

By using a plug adapter and a spring loaded socket adapter, you can visually perform the two steps of retrieving operations, which are the plug adapter pilot engaging to the female threads of the plug assembly and the female hex of the plug adapter engaging to the plug assembly hex. So, it is easier to operate the tool.

An optional hose assembly can be attached. It should be used to connect to the retriever or service bleed valve for safe bleed-off.

The EMT-WRTV retrievers are constructed to comply with NACE MR01-75, They are pressure rated to 26MPa(3770psi) and are suitable for operation at temperature between -20°C and +230°C.

The **EMT-WRTV** retrievers have following unique features:

- Only cleaned but not disassembled after use.
- The gear drive machines allow all operation to be performed in a minimum clearance area.
- The deft plug adapter and the spring load socket adapter make operating process easier to handle.



EMT-SGV SERVICE VALVE

The **EMT-SGV** service valve is gate valve.

Features:

1. Always to open 100% when you need to open.
2. Light in weight.
3. More easy to operate.
4. Easier to maintain.



Data EMT-WRTV

retriever & EMT-SGV service valve :

Max working Pressure:

26MPa(3770psi)

Max/Min working temperature: 230°C/-20°C

Retriever Part No.	Length(mm) Collapsed/Extended	Stroke(mm)	Max Retrievable Probe Length(mm)
ET1700160	735/860	265	160
ET1700260	835/1060	365	260
<i>ET1700360</i>	935/1260	465	360
ET1700460	1035/1460	565	460
ET1700660	1235/1860	765	660
ET1700960	1535/2460	1065	960
ET1701260	1835/3060	1365	1260