



Product Development Group Limited
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FloMaster DP

FloMaster DP delivers predictable cement plug placement by regulating downhole flow from the drill pipe, reducing uncertainty and non-productive time during P&A and remedial cementing operations.

Primary Function	<i>Downhole fluid-flow regulation for cementing control</i>
Deployment	<i>Deployed within a Drill-pipe pup joint</i>
Mechanism	<i>Precision-engineered orifice modules (no moving parts)</i>
Outcomes	<i>Predictable pressure behaviour, controlled displacement, improved cement placement</i>

Operating Principles:

- Orifice modules create a controlled pressure drop to reduce uncontrolled flow/free-fall
- Tailorable “control level” via number/configuration of modules
- Designed to produce a consistent surface pressure signature during cement operations

Technical Highlights:

- No valves / no moving parts → reduced failure modes
- Regulates circulating pressure downhole → stays closer to design ECD windows
- Cement plug placement confidence for P&A/remedial cementing
- Retrievable and re-usable

Typical Applications:

- P&A cement plugs
- Remedial plug placement
- Temporary Abandonment
- Kick-off
- Side-track

Options & Configurations:

- Drill Pipe OD/ID, thread, weight, grade
- Mud/cement properties
- Planned pump rates
- Pressure limits
- Well profile

