AIFILTECH · High-Temperature Flue Gas Purification

DOC+SCR+DPF+ASC exhaust gas purifier

Diesel Exhaust Purification Series

Overview

Four stages in series, and the order matters: DOC oxidises NO to NO_2, DPF traps the soot, SCR reduces NOx with urea, ASC cleans up ammonia slip. This unit stacks all four in one shell run with sampling ports between stages, so each stage can be verified on its own.

Key Advantages

- Purification rate **90%**
- Gas processing volume **3200m³/h**
- Filter life **Washable metal cores**
- Regeneration **1-minute water wash**
- Customisation **Built to engine model**

Technical Data

Product characteristics	Four-stage DOC + DPF + SCR + ASC
Processing and customization	Yes
Brand	AIFILTECH
Model	TP
Purification rate	90%
Specifications	Complete

Applications

Diesel generator sets · Construction machinery · Forklifts · Marine auxiliary engines · Mining equipment · Engine test benches · Emergency power trucks · Tunnel construction

Commercial Terms

Reference Price	Supply Capacity	Lead Time
5000.00 ~ 8000.00 yuan/unit	**200 units**	**20 days**

All data above are obtained under specific test conditions; the actual solution must be engineered to site conditions. Values listed here refer to standard models — AIFILTECH provides custom design and sizing based on actual gas volume, temperature, dust characteristics and emission limits.