

Ceramic Resin Pump

 OVERVIEW

A high-pressure grout equipment powered by compressed air, specifically designed for chemical material injection. Ceramic cylinders deliver significantly longer service life than conventional resin pump cylinders.

 INDUSTRY

Suitable for environments containing explosive gases, such as underground coal mines.

 KEY FEATURES

- Powered by compressed air, safe for use in flammable and explosive environments.
- Compact structure, small size, lightweight for easy transportation.
- Three grouting cylinders with synchronous design, capable of 1:1, 1:2, and 1:4 material ratios.
- Built-in slide valve for fully automatic pneumatic switching, high switching efficiency, and reliable performance.
- Constructed from stainless steel materials with corrosion-resistant seals, suitable for chemical materials.
- Continuous automatic adjustment without overpressure risk.



 TECHNICAL PARAMETERS

Item	Unit	2ZBQ5/16	3ZBQ12/10
Number of Cylinders	/	2	3
Supply Air Pressure	MPa	0.2-0.7	0.2-0.7
Grouting Pressure	MPa	0-21	0-13
Grouting Flow	L/min	0-30	0-40
	m ³ /h	0-1.8	0-2.4
Material Ratios	/	1:1	1:1; 1:2; 1:4
Air Consumption	m ³ /min	≤4	≤4
Weight	kg	140	148
Dimensions (L×W×H)	mm	700x600x1400	700x600x1400