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POWDER MIXER - Hi-X Series

NEW TYPE MIXER Hi-X



Employing a sphere mixing tub, the dead space where the powder lingers was eliminated.

By changing the slant of the mixing tub, heating and pulverization level can be controlled.

The scraper removes the powder attached to the equipment wall. The mixed powder can easily be taken out by only revolving the scraper.

A timer is equipped so that the mixing time is automatically set.

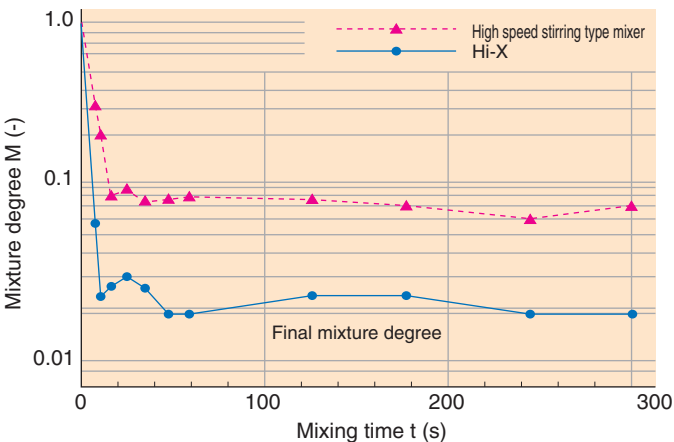
A safety device is equipped. It is easy to disassemble and clean.

By employing a jacket structure, the mixing can be executed while heating or cooling the powder (option).

The new type mixer, Hi-X, achieves highly accurate and fast mixing. It is an advanced machine designed to meet sophisticated requirements.

■Example

Material name	Particle diameter (μm)	Particle density (kg/m ³)	Mixing ratio (%)
Corn starch	17.3	1450	80
Silicon Carbide	18.0	3200	20



■Specifications

Models	Hi-X200	Hi-X360	Hi-X500	Hi-X750
Dimensions (mm) W×D×H	730×550×700	1250×700×1300	1550×900×1300	1400×1825×2000H
Gross capacity (ℓ)	4.2	24.4	65.4	250
Net capacity (ℓ)	1.7	9.8	26.2	100
Power (kW)				
Impeller	0.75	5.5	7.5	30
Scraper	0.09	0.4	0.75	3.7
Revolution speed (min ⁻¹)				
Impeller	200~6000	200~4000	100~3000	100~2000
Scraper	45	30	23	30
Slant angle (degree)	0°~90°	0°~60°	0°~60°	60°
Weight (kg)	130	500	700	2000

■Structural cross section

