



Special package burner by application

# Pack Mixer

PM-41X, 101X

**A full auto pre mixer in which a combustion fan and a combustion safety device are integrated.**

## Feature

- Combustion fan / gas solenoid valve (with equalization valve) · Igniter · fan pressure switch · Safety combustion equipment such as flame detection is incorporated compactly.
  - Since it is a fully premixed mixer (mixed gas generator), we can create a package burner system for various uses by connecting to various "burner tops" of our company.
- 4 to 20 mA Proportional control compatible
  - Two position / three position control is also possible
  - Auto ignition, flame detection  
In the special operation panel.  
1) You can set the firepower at ignition  
2) Firepower after ignition can be adjusted by the signal from the manual volume or temperature controller.
  - Burner position can be adjusted up and down by special stand

### Dedicated operation panel

Dedicated operation panel  
(with temperature controller)

Optional w/temperature sensor

Dedicated operation panel  
(with volume operation, external temperature control signal receiving terminal)

### Burner top

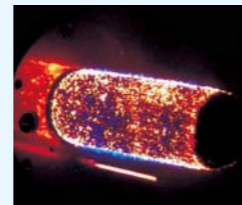
SRS (Straight Flame Burner)



FF (Swirl Burner)



Metal Knit Burner



Metal Fiber Mat Burner



CBX (Air Heat Burner)



MF (Line Burner)



etc.

### Mixer



## Main Usage

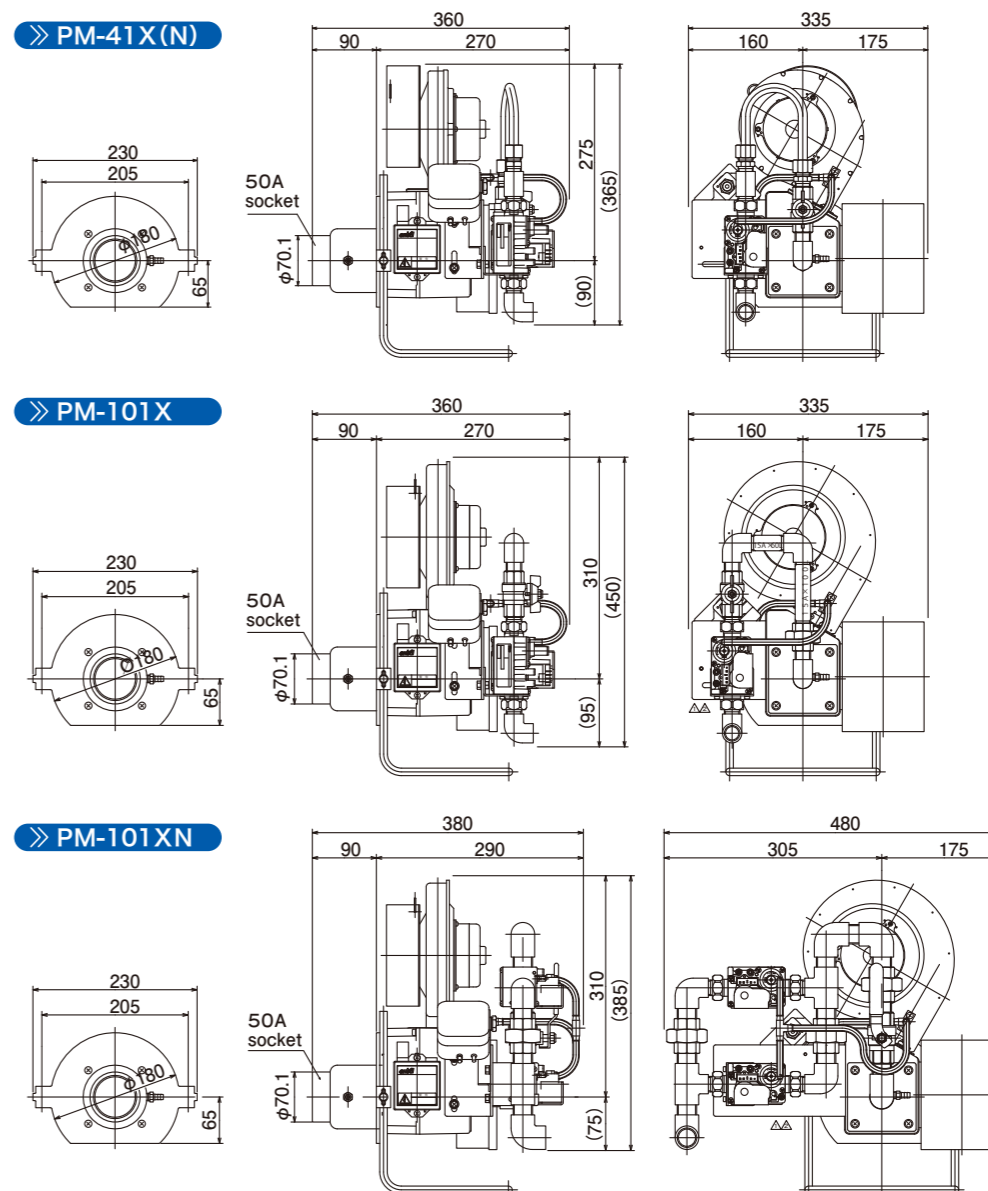
- As various heating package burners, liquid heating, air heater, boiler, fiber drying etc.

## Specifications

Gas type	LPG		13A	
Model	PM-41X	PM-101X	PM-41XN	PM-101XN
Combustion Capacity (kW)	15~46	38~116	15~46	38~82
Gas supply pressure (kPa)	2.8		2.0	
Ignition method	Direct ignition method			
Power source	AC100V			
Power source	proportional control			
Connection size (Rc)	Premix gas	2		
	Gas	1/2		

\*LPG(Gross calorific value 100MJ/Nm<sup>3</sup>), 13A(Gross calorific value 46MJ/Nm<sup>3</sup>)

## Overall size



## Handling Precautions

- Be careful of the pressure loss on the mixer outlet side.
- Please consult in advance with our sales staff about the relationship of mixing pressure and the burner top.