

TS6500 Series

Techkit Cartridge Mixers



TS6500 - Cartridge Mixer

Specifications

Size	15.7"W x 21.2"D x 40.6"H 398mm x 538mm x 1032mm
Weight	80 lb. (36kg)
Internal Voltage	120-230VAC, 50-60 Hz, 2 Amp
Motor Speed	139 RPM
Air Inlet	80 psi (5.5 Bar) Min.
Stroke Speed	33 Strokes/minute (fully extended)
Meets or exceeds	CE, cTUV-us
Warranty	1 year

Key Features

- Universal power supply for worldwide use
- Automatic fluid level sensing device for all kit sizes- No need to set stroke length
- Automatically injects hardener into resin to provide uniform mixed material
- Robust, high torque motor to handle high viscosity material
- Safety features include safety enclosure, emergency stop button and two-hand start
- User programmable manual and automatic mixing cycle settings
- 10 programmable memories for storing and recalling most frequently used mix cycle
- Quick and easy to replace cartridge holder and plunger - No tool needed
- User friendly firmware for easy setup
- Robust and sturdy platform for heavy industrial used
- RoHS, WEEE compliance, CE certified

TS6500 Series Techkit Cartridge Mixers

The TS6500 Series cartridge mixer provides complete automatic mixing of two-component material filled in a cartridge kit. The feature rich TS6500 Series accommodates all standard size cartridge kits ranging from 2.5 oz. (74ml) to 20 oz. (591ml) and is immediately usable anywhere in the world with its accompanying tools, accessories and universal power supply.

Techkits

Two Component Cartridge Packaging and Mixing Kits

The Techkit is a compact and simple method of packaging two or three component resin systems into a 2.5, 6, 8, 20 ounce or 1/10 gallon cartridge. The kit mechanically separates the base and hardener until they are ready to be used. An internal mixing head provides a thorough blend for all types of compounds. When the job has been completed, the entire package is disposed of: no clean up or physical contact with the resin. Reliability is increased with accurate compound ratios, complete mixing and proper application techniques.

Three types of kits are available:

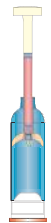
Barrier Type

For compounds with a minimum demand of 23ml hardener, the catalyst and base are separated by an aluminum barrier formed over the mixing head.



Injection Type

For compounds with a maximum demand of 12.5ml or less, the catalyst is contained inside the valved mixing rod while the base is in the cartridge.



Barrier/Injection Type

For three component compounds, components of both Injection and Barrier are combined.



Part number	Description
TS6500CIM-6	Cartridge Mixer for 2.5 (74ml), 6 oz. (177ml), 8 oz. (237ml) kit
TS6500CIM-20	Cartridge Mixer for 20 oz. (591ml) kit
CK6500-6	Conversion Kit for 2.5, 6, 8 oz. kit
CK6500-10	Conversion kit for 1/10 gal kit
CK6500-20	Conversion kit for 20 oz. kit

Techkit Components

Complete Techkits

Part Number	Size	Type	Cartridge	Plunger	Cap	Mix Head	Rod	Ram Rod
110-80	1/10 gal. (325ml)	Injection	TS110C	TS2PW	TS4C	110-340	810-100A	600-080
110-81	1/10 gal. (325ml)	Barrier	TS110C	TS2PW	TS4C	110-350	800-100	
110-81T	1/10 gal. (325ml)	Taped Barrier	TS110C	TS2PW	TS4C	110-350	800-100	
250-60	2 1/2 oz. (74ml)	Injection	TS25C	TS1WP	TS2C	600-200	610-100A	600-080
250-61	2 1/2 oz. (74ml)	Barrier	TS25C	TS1WP	TS2C	600-310	600-100	
250-61T	2 1/2 oz. (74ml)	Taped Barrier	TS25C	TS1WP	TS2C	600-310	610-100	
250-80	2 1/2 oz. (74ml)	Injection	TS25C	TS1WP	TS2C	600-200	810-100A	600-080
250-81	2 1/2 oz. (74ml)	Barrier	TS25C	TS1WP	TS2C	600-310	800-100	
250-81T	2 1/2 oz. (74ml)	Taped Barrier	TS25C	TS1WP	TS2C	600-310	800-100	
600-60	6 oz. (177ml)	Injection	TS60C	TS1WP	TS2C	600-200	610-100A	600-080
600-61	6 oz. (177ml)	Barrier	TS60C	TS1WP	TS2C	600-310	600-100	
600-61T	6 oz. (177ml)	Taped Barrier	TS60C	TS1WP	TS2C	600-310	600-100	
600-80	6 oz. (177ml)	Injection	TS60C	TS1WP	TS2C	600-200	810-100A	600-080
600-81	6 oz. (177ml)	Barrier	TS60C	TS1WP	TS2C	600-310	800-100	
600-81T	6 oz. (177ml)	Taped Barrier	TS60C	TS1WP	TS2C	600-310	800-100	
800-80	8 oz. (237ml)	Injection	TS80C	TS1WP	TS2C	600-200	810-100A	600-080
800-81	8 oz. (237ml)	Barrier	TS80C	TS1WP	TS2C	600-310	800-100	
800-81T	8 oz. (237ml)	Taped Barrier	TS80C	TS1WP	TS2C	600-310	800-100	
200-80	20 oz. (591ml)	Injection	TS20C	TS20P	TS6C	600-360	810-100A	600-080
200-81	20 oz. (591ml)	Barrier	TS20C	TS20P	TS6C	600-370	800-100	
200-81T	20 oz. (591ml)	Taped Barrier	TS20C	TS20P	TS6C	600-370	800-100	



Mix Heads

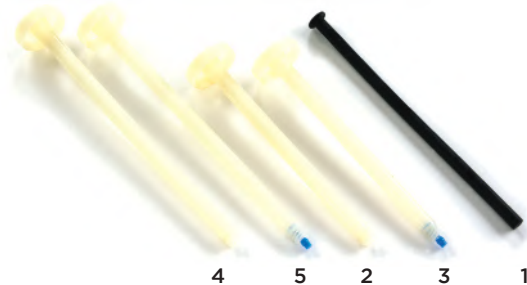
Part Number	Description
110-340	1/10 gal. (325ml) Mix Head
110-350	1/10 gal. (325ml) Foiled Mix Head
600-200	Open Mix Head
600-300	Wheel Mix Head
600-310	Foiled Wheel Mix Head
600-320	Half Closed Circle Mix Head
600-330	Foiled Half Closed Circle Mix Head
600-360	20 oz. (591ml) Wheel Mix Head
600-370	20 oz. (591ml) Foiled Wheel Mix Head
600-380	20 oz. (591ml) Spoked Wheel Mix Head

Sealant Smoothing and Removal Tools

Techcon Systems plastic sealant tools are ideal for spreading, smoothing and removing sealants or adhesives. Approved for use in aerospace industry, these tools are designed to prevent damage to delicate substrates. Spatulas made from nylon. Smoothing tool made from Celcon®.



Part Number	Description
1275-000-001	4 Spatula, Large
1275-000-002	3 Spatula, Medium
1275-000-003	2 Spatula, Small
TS1275-KP	1 Spatula Kit
TS1275-4	5 Smoothing tool, Red Celcon®



Rods

Part Number	Description
600-080	1 8" (203.2mm) Ram Rod
600-100	2 6" (152.4mm) Plugged Rod
610-100A	3 6" (152.4mm) Valved Rod with Piston
800-100	4 8" (203.2mm) Plugged Rod
810-100A	5 8" (203.2mm) Valved Rod with Piston