

# CM4

**TEKNEK**

*PANEL & SHEET CLEANING  
TO MAXIMISE YOUR PROFIT*



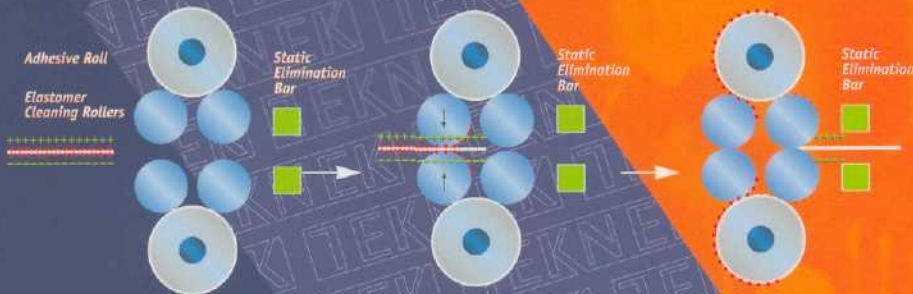
# TEKNEK

## CM4-Clean Machine



CM4 membrane panel

### TEKNEK CLEANING TECHNOLOGY -with pneumatic separation.



The latest technology for the removal of particulate contamination from sheet materials. The CM4 is a robustly engineered multi-mode machine designed for high volume production processes. High performance elastomer cleaning rollers transfer fine contamination on to the specially formulated adhesive roll.

The CM4 is for cleaning any dry flat substrate. Designed for both stand alone and continuous 24 hour in-line operation, the CM4 can be adjusted to suit the individual manufacturing process. This versatility means that it has numerous applications in many different industries e.g. PCB, LCD, assembly, medical etc.

The CM4 is a vital piece of equipment with many applications in PCB bare board manufacture e.g. before laminating, before exposure, before AOI, before lay up, before solder mask application, before electrical test and cleaning of artworks.



CM4 beside the inner or outer layer exposure unit.



CM4 positioned in front of cut sheet laminator

**THE CM4 - CLEAN MACHINE - THE WORLD'S LEADING CLEAN MACHINE**

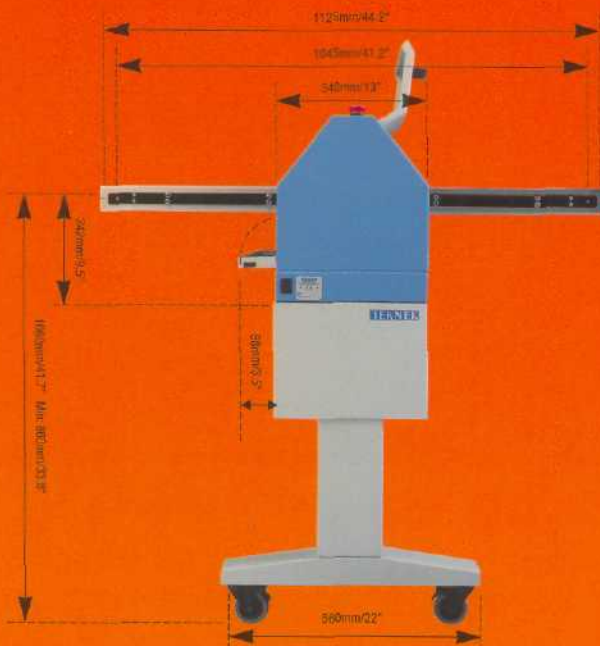
## Specifications



- Ergonomically designed with hinged top section
  - \* Providing easy access for maintaining cleaning rollers and purging adhesive rolls.
- Top drive on cleaning roller (optional)
  - \* Ensures thin film remains flat without rippling. Also allows for thicker substrates to be cleaned.
- Membrane panel with software
  - \* Gives 8 separate operating modes.
- LCD display function
  - \* Membrane can be programmed to display instructions in English, French, German, Spanish, or Italian.
- Alarm/beacon counter system built into membrane key pad
  - \* Allows clear indication when adhesive roll needs refreshing. Fits in to SPC systems.
- Integral antistatic system fitted
  - \* Stops dust being re-attracted to cleaned substrate and neutralises static charge in board.
- Proven cleaning technology
  - \* Well proven contact cleaning roller system removes dry unattached contamination down to 1 micron.
- Pneumatic separation of blue cleaning rollers with electronic sensor (optional)
  - \* Allows aggressive cleaning of dry film laminated panels without disturbing the protective 'Mylar' layer.
- Adjustable stand with lockable castors
  - \* Allows the CM4 to be easily moved but stable while in position.
- Can be placed in front of any dust free critical process. There is no complicated installation protocol required
  - \* Making machine quick and simple to install for instant results.

### OPTIONS

- ★ Extended length conveyors
- ★ Flat Belt Tape or Disc conveyors
- ★ Cleaning roller separation & top drive
- ★ Cleaning rollers to suit thin film & rigid panels
- ★ Thin film guides - allows processing of thin films
- ★ External Alarm Beacon
- ★ PLC interface



	CLEANING WIDTH	OVERALL WIDTH	WEIGHT
<b>CM4 300</b>	320mm/12"	615mm/24.2"	46kgs/101lbs
<b>CM4 600</b>	622mm/24.5"	915mm/36"	58kgs/128lbs
<b>CM4 750</b>	750mm/29.5"	1055mm/41.5"	65kgs/143lbs
<b>CM4 1000</b>	1000 mm/39"	1285mm/50.6"	75kgs/165lbs
<b>CONVEYORS</b>	<b>Stubby</b>	<b>Long</b>	<b>Extended</b>
<b>Length</b>	125mm/5"	505mm/20"	1060mm/42" max
<b>POWER</b> 200/240v 50/60 Hz 0.5 amp 100/120v 50/60Hz 1.0 amp		<b>SPEED</b> Low range 1.1-5m/min (4-16ft/min) High Range 5-20m/min (16-65ft/min)	

**TEKNEK, the inventors of the "Clean Machine" Technology, with over 6000 machines installed worldwide.**

**LEADING THE WORLD IN CLEANING**

**TEKNEK**

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