

# CT40 ECS - Eco Cost Cleaning Solution

## Transform a drop of water into a powerful cleaning system



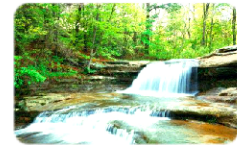
### Reduce water consumption by up to 12,000 gallons and save over 250 working hours in one year

The CT40 ECS "Micro Scrub" system, saves more than 80%-90% of water compared to traditional automatic scrubbers. There is no need to ever refill the ECS during cleaning which will **dramatically increase productivity 30%-50%**.



### Save up to 150 gallons of chemicals and avoid the waste of over 30-150 plastic chemical containers in a year

The CT40 ECS reduces chemical consumption up to 90% and the "Chem Dose" system gives the ultimate control to keep chemical use to a minimum



### As silent as a butterfly (6 dB lower noise level compared to other scrubber-driers)

The CT40 ECS, when operating in "Micro Scrub" setting, the micro fiber pads slightly touch the surface, avoiding the annoying noise normally made by brushes and pads. It is equipped with a surprisingly quiet vacuum system.



### Studied to guarantee an average energy saving of up to 20%

The CT40 ECS, thanks to its "Energy Saver" technology, has 15% lower energy absorption compared to traditional machines on the market. The recharging system of the batteries can reduce energy consumption by 30% compared to most chargers while saving precious battery cycles.



### Assures higher standards of hygiene and cleaning

The CT40 ECS "Micro Scrub" system puts to use all the significant advantages of the micro fiber both in regards to hygiene and cleaning results.



**Integrated Professional Cleaning**



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## Reduce water consumption by up to 12,000 gallons and save over 250 working hours in one year



The CT40 ECS **“Micro Scrub” (Patent Pending)** system uses only 1.6 gallons per hour saving up to 90% of water compared to traditional automatic scrubbers. There is no down time for refilling the ECS compared to 20%-50% of traditional automatic scrubbers

The “Micro Scrub” technology has been studied and perfectly defined in order to obtain and maximize all characteristics and advantages in using micro fiber and optimizing results. There are 3 main technical characteristics that had to be changed compared to traditional automatic scrubbers:

- 1) High rotation speed =** 600 rpm (over 3 times a traditional scrubber) to maximize cleaning results of millions of micro fibers
- 2) Very low pressure =** The pad only slightly touches the ground, allowing higher oxygenation of the fibers
- 3) Limited water =** Micro fiber requires only very small quantities of water to be efficient.

By simply pressing a button and adjusting the pressure spring, the ECS can be transformed immediately into a traditional automatic scrubber with 200 rpm and higher brush pressure.



Traditional brushes or pads (200 rpm / .3-.4 gallons /min) 18-24 gallons per hour



Pad/brush pressure adjustment with led display.



Pad and/or brush replacement without tools



Micro fiber pads (600 rpm / 3.5 oz/min) 1.6 gallons per hour

The “Micro Scrub” system optimizes the working time of the micro fiber pads that can be used on average for up to 45,000 sq ft. The pads can be easily rinsed under a tap and/or washed in a washing machine for at least 200 times, nearly 5 times longer than the duration of a traditional brush and 10 times the duration of a standard pad.



After use the micro fiber pad can be easily rinsed under a running tap.



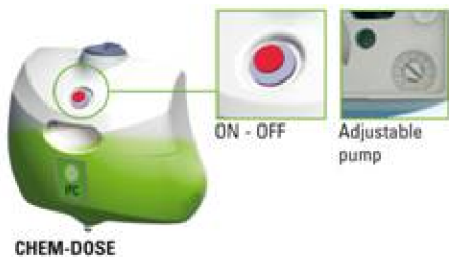
For even higher standards of hygiene the micro fiber pads can be washed in a standard washing machine.

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## Save up to 150 gallons of chemicals and avoid the waste of 30-150 plastic chemical containers in a year



The CT40 ECS “Chem Dose” system, helps you save more than 90% of chemicals normally used with a traditional scrubber-drier.



Chem Dose is an innovative system which enables the ECS to handle detergent separately from the water tank.

When scrubbing, Chem Dose pumps a controlled chemical flow adjustable between 0 to 3% to offer precision control.

Since there is only fresh water in the tank, this system also keeps solution lines clean.

## As quiet as a butterfly (6 dB lower noise level compared to other automatic scrubbers)



The CT40 ECS is as silent as it is efficient. Its secret is that when operating in “Micro Scrub” setting, the micro fiber pads only slightly touch the surface, avoiding the annoying noise normally made by brushes and pads. The CT40 ECS is moreover equipped with a surprisingly quiet vacuum system.

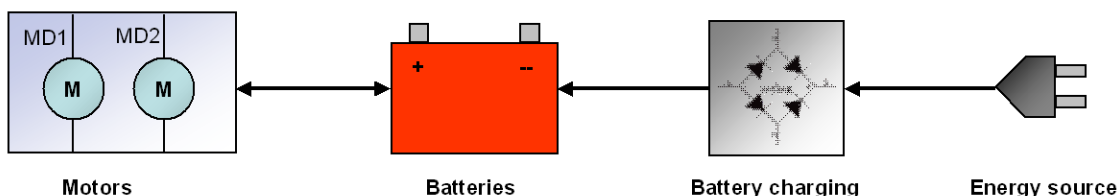


Such characteristics allows the machine to be used in surroundings such as hospitals, schools, offices, and public environments in general where operating in quite is essential.

## Enjoy average energy savings of up to 20%



The CT40 ECS “Energy Saver” technology, has a 15 % lower energy absorption compared to traditional machines on the market. The battery recharging system, can reduce energy consumption by 30% compared to most chargers while saving precious battery cycles.



The “Energy Saver”, with its important technological innovations on motor absorption, soft start system, auto power off and a very high performance re-charge ensure an average energy savings of up to 20%.

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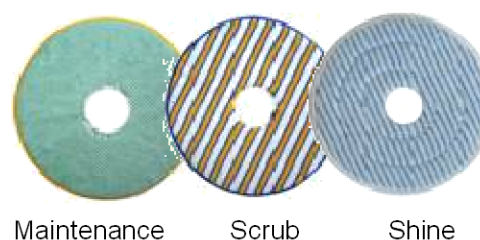
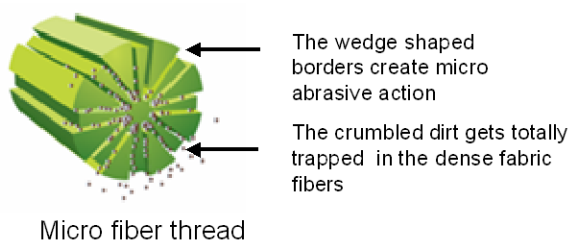
## The ECS assures high standards of hygiene and cleaning and can help to maintain high gloss floors



The ECS Micro Scrub™ system, puts to use all the advantages of using micro fiber for hygiene as well as for cleaning results.

Micro fiber is one of the most important innovations in professional cleaning made in recent years due to its electrostatic power (fine polyester threads) and its very high absorbing capacity (fine polyamide threads).

One thread of these fabrics, is 100 times thinner than a human hair. The fibers have the ability to penetrate deeply into surfaces to aggressively remove water and oil soluble soils as well as micro-organisms.



**Clean and Shine your floors** - The high speed 600 RPM Micro Scrub system can clean as well as help maintain the shine of your high gloss floors



Technical data		CT 40 ECS BT50	
Cleaning system selected		<i>brush / pad</i>	<i>Microfibre</i>
Scrubbing width	Inches	20	
Brush/pad speed rotation	rpm	200	600
Solution / recovery tank capacity	gal	10 solution / 13 recovery	
Average water consumption	gal / min	0.32	0.03
Surfaced cleaned with one full water tank	ft <sup>2</sup>	7400	31,000
Power supply with Energy Saver		24V	
Maximum speed	mph	2.8	
Dimensions (LxWxH)	inches	48x20x38	

\* based on 2.8 hours run time at 70% efficiency with 155 Ah batteries

**Note:** The non use of controlled chemical dosing systems raises by at least 40% the chemical consumption due to various forms of waste and misuse.

