



DolphinTM

DIAGNOSTIC 3001
by MAYTRONICS



*Hi-tech,
self-diagnostic
cleaning for
large pools*

The pool cleaner with smart moves



Works wonders without work!

The DOLPHIN DIAGNOSTIC 3001 incorporates state-of-the-art microprocessor control for total pool cleaning. With advanced scanning software and self-diagnostic capabilities, the cost-effective DOLPHIN DIAGNOSTIC 3001 completely cleans your pool for under 20 cents an hour. Not only is it smart, it's also environmentally-friendly, with a filtration system that cuts chemical requirements, and powerful pump action that keeps the pool water in constant circulation.

Smart and Safe

Safety is a first priority for pool operators. The DOLPHIN DIAGNOSTIC 3001 has been engineered to ensure the highest standards of safety and reliability. The DOLPHIN and its power supply meet the rigorous standards required by the International Electromechanical Commission for outdoor use.

Smart, Safe and Sure

You can count on DOLPHIN DIAGNOSTIC 3001 for complete reliability. Each and every unit is tested under actual working conditions for the equivalent of five full working cycles (60 hours). All subassemblies undergo thorough inspection. Electronic cards and power supplies are tested on computerized EST equipment.

Smart, Safe, Sure and Environmentally-friendly

Not only does the DOLPHIN DIAGNOSTIC 3001 remove organic matter from the pool water, it also significantly reduces the need for environmentally harmful chemicals.

What more could you ask of a pool cleaner?

When you choose the DOLPHIN DIAGNOSTIC 3001, you can be sure it's from a good family, the MAYTRONICS family. Leaders in advanced pool cleaning technology for two decades.



Manufactured by **Maytronics Ltd.**

Your Distributor

Technical specifications

Calculated ground speed	50 ft/min	900 m/hr
Calculated scanning rate	63 ft ² /min	350 m ² /hr
Suction rate (self-controlled)	65 gal/min	18,000 l/hr

Filter bag

Filter Area	8.3 ft ²	7750 cm ²
Porosity 50 micron - TUV Inspected - 90% efficiency		

Motor unit

Power consumption	100 watts	100 watts
Voltage	24 VDC	24 VDC
Current	3.5 AMP	3.5 AMP
Submersible	IP 68	IP 68

Power supply

Input	115 VAC	100 VAC / 230 VAC
Output	28 VDC	28 VDC
Rated Output	115 VAC - 250 W	230 VAC - 150 W
Splash-proof	IP 64	IP

Electronic controller

- Solid state digital motor drivers
- S.M.D. 40 port microcomputer
- Self programming controller processing software
- Work cycle: 12 Hrs
- Automatic shutdown
- Self monitoring

Dimensions

Unit weight (w/o cable)	20.8 lb.	9.4 kg.
Cable length	100 ft.	30 m.
Shipping weight	61.6 lb.	28 kg.
Shipping dimensions	23.5x19.6x19.6 in.	60x50x50 cm.



Recommended for pools of up to 80 ft. (25 m) length.