

## Rotational, Non-Pressurized Alkaline Hydrolysis

Patent package is now available for exclusive license to a qualified buyer

| Patented Models | AquaT3500™  | AquaT2000™   | AquaDesktop™  | AquaBags™   |
|-----------------|---|--|---|---|
| Market          | Humans or Communal Pets   | Pets   | Small Pets/Bone Finishing   | Pets  |
| Capacity        | 400 lbs   | 200 lbs  | 3 lbs - 8 lbs   | Small, Medium, Large  |
|                 | * Turnkey system  | * Turnkey system   |   |   |
| Image           |   |  |   |   |
| Footprint Size  | 93" x 36"   | 65" x 36"  | 13" x 12"   | Small - 21" x 13"<br>Medium - 28" x 17"<br>Large - 28" x 34"  |
| Features        | <ul> <li>Gentle "swish" rocking motion</li> <li>Insulated with integral heat<br/>recovery system</li> <li>Removable internal cradle for<br/>easy loading and recovery of<br/>remains</li> <li>Internal baffles facilitate full<br/>disposition, respectfully</li> <li>Automated, programmable<br/>cycles to suit the decedent</li> <li>Liquid KOH injection or manual<br/>loading dry flake</li> <li>Automated soap and rinse cycle<br/>with spray bar</li> <li>Ethernet/internet for offsite<br/>monitoring and tech support</li> <li>Counterweight lid for easy,<br/>single-person opening</li> </ul> | <ul> <li>Similar features to AquaT3500.</li> <li>More compact, smaller footprint<br/>Designed for single large animal<br/>or multiple, segregated pets.</li> <li>As low as 3 hour cycles when<br/>used in conjunction with the<br/>AquaDesktop model for minor<br/>bone finishing.</li> <li>Semi-automated option for cost<br/>savings. Operator controlled<br/>water input and rotational<br/>pattern/speed ensures the most<br/>efficient use of time and inputs.</li> <li>AquaBags used for secure pet<br/>segregation. Communals can be<br/>included with privates in the<br/>same cycle.</li> <li>Safe loading of dry flake KOH<br/>into patented v-trough chamber</li> </ul> | <ul> <li>Portable desktop model for small pocket pets and bone finishing.</li> <li>Double walled, insulated 304 stainless steel retains heat for up to 18 hrs.</li> <li>Variable canister sizing to accommodate singular a cat or small dog all the way down to a 11b pocket pet.</li> <li>Internal agitator and gentle single speed rotation.</li> </ul> | <ul> <li>Patented, reusable bags for securely segregating pet remains.</li> <li>Specifically engineered for use with Aquaternal's systems but can also be used with any alkaline hydrolysis equipment.</li> <li>Specially designed heat and chemical resistant material.</li> <li>Double stitched seams using chemical and heat resistant industrial thread.</li> <li>Secured with 70 lb nylon Zipties</li> <li>Open end can be rolled to reduce bag size to suit smaller animals.</li> <li>Bags will soften with each use</li> </ul> |

| Model                                 | AquaT3500™  | AquaT2000™   | AquaDesktop™                                    | AquaBags™  |
|---------------------------------------|---|--|---|--|
| Operating<br>Temperature              | 200 F   | 200 F  | 120 F   | NA   |
| Chemical                              | KOH<br>Liquid or Dry Flake  | KOH<br>Dry Flake   | KOH<br>Dry Flake                                | NA   |
| Turnaround<br>Time                    | Less than 4 hours contact time  | typically 3 hours<br>start to finish   | Varies  | 8- 10 reuses per bag<br>in the AquaT2000   |
| Required<br>Utilities                 | <ul> <li>240V, 1PH, 100 amp, 60<br/>Hz electrical power.</li> <li>Cold water supply<br/>connection.</li> <li>Sewer discharge or<br/>hydrolyzed soil additive</li> </ul> | As for AquaT3500. Both can<br>be modified to match<br>electrical supply specs.<br>Up-cycle fats to biodiesel,<br>treated effluent to<br>hydrolyzed soil amendments<br>for zero-waste processing. | 115/120 V, 60hz,<br>20 amp GFCI outlet          | Dry flake KOH should not<br>come into direct contact with<br>the bags when loading as<br>this may cause hot spots<br>leading to premature failure. |
| Recommended<br>Ancillary<br>Equipment | <ul> <li>Cremulator</li> <li>Dehydrator</li> <li>Gurney</li> <li>Large thermal hot water storage tank</li> </ul>  | As for AquaT3500   | Additional Aquaternal canisters for pre-soaking | 7" long, 70 lb Nylon<br>Zipties  |

Contact: Philip Mason, P.Eng Founder and Patent Owner

1 (441) 331 1961 AST Email: info@aquaternal.com Website: www.Aquaternal.com

