

THOMPSON DUKE INDUSTRIAL

The Patent Pending ACF1 Automatic Vaporizer Cartridge Filling Machine and MCF1 Semi-Automatic Filling Machine are designed and built by expert American automation engineers in Portland, Oregon, USA. Thompson Duke Industrial sources the ACF1 and MCF1 system components as shown in the following table:

COMPONENTS	SOURCE
<ul style="list-style-type: none"> ▪ Gantry and table structure ▪ Cartridge trays and guides ▪ Actuator mounts ▪ Heated reservoir ▪ Oil delivery and dispense system ▪ Check Valves 	<p>Designed by Thompson Duke Industrial Fabricated, machined and anodized by local machine shops in Portland, OR</p>
<ul style="list-style-type: none"> ▪ Stainless steel control enclosures 	<p>Designed by Thompson Duke Industrial Custom built by a metal fabrication shop in Portland, OR</p>
<ul style="list-style-type: none"> ▪ Automatic control system ▪ Touch screen interface ▪ Pneumatic Actuators ▪ Power system ▪ Control electronics 	<p>Control System and Actuators supplied by FESTO, USA Electrical control panel designed by Thompson Duke Industrial Components installed in the control enclosures by a UL508 Certified control panel shop in Portland, OR</p>
<ul style="list-style-type: none"> ▪ Dispense assemblies ▪ Reservoir tubes ▪ Oil tubes, needles ▪ Pressure regulators ▪ Lamp assemblies ▪ Air filters ▪ Ethernet switches 	<p>All off-the-shelf components sourced by US based suppliers</p>