6 COMPONENTS TO OPTIMIZE CO2 SUPER CRITICAL EXTRACTION PROCESS

With the birth of the millennium era and an approach to holistic remedies a new era believes the old rule about THC has given way to a rebirth of sorts to an embracing of the benefits of the Cannabis plant. With the advent of enhanced delivery methods comes the modern ability to extract oil from plants efficiently allowing for many different delivery approaches and THC level control.

1. FITTING & TUBING

The proper fittings and tubing combinations can *ensure the optimal, trouble-free pneumatic operation* of your systems at all times.

2. AIR PREPARATION

Clean Dry air are the first controlled building blocks for a trouble free CO2 super critical process. No matter what the system, manual to fully automated Festo has a solution that is optimal and *scalable to your operational capacity.*

3. PROCESS VALVES

Hand valve? Butterfly valve? Ball valves? No matter the valve requirement Festo has a complete process solution for modular skid.

4. PNEUMATIC CONTROLS

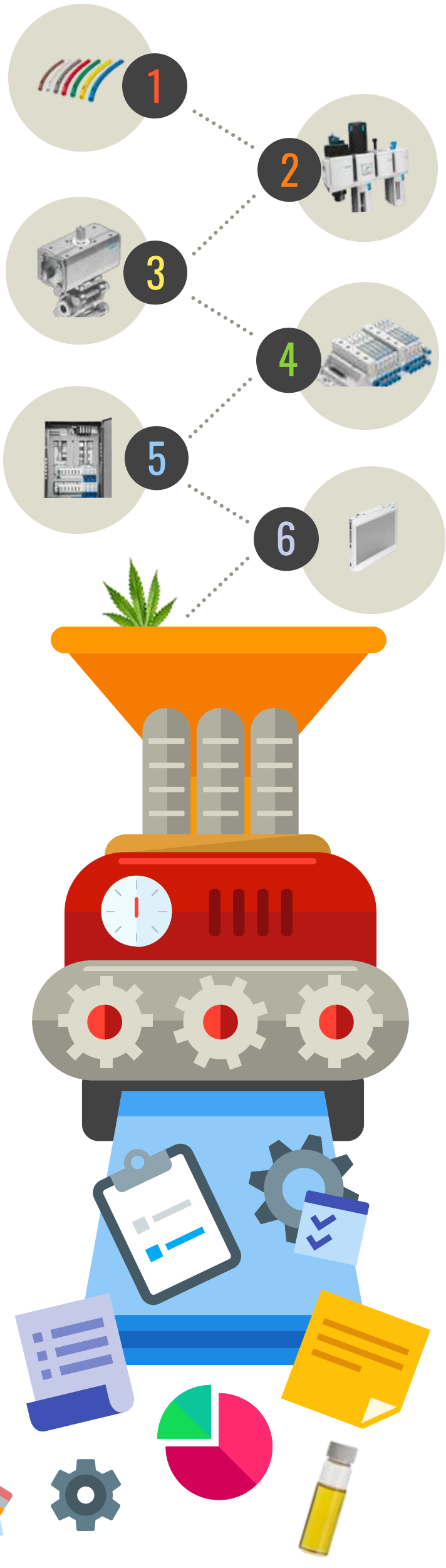
A valve manifold is an ideal way to group piloting solenoids into a single point of control for PLC interfacing and air supply consolidation for *all valve actuation requirements.*

5. PANEL DESIGN & FABRICATION

The *core of a standalone process solution* is the integration and layout of the control panel. A control architectural strategy is most efficient when a panel is properly designed, configured, and meets appropriate safety and electrical codes.

6. PROCESS CONTROLS

A PLC and a HMI are at the heart of any automation system. The HMI is a graphical interface between human and machine allowing for *effortless control, reporting/diagnostics and safety interlocks*.



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