



SmartBarrel Quick Start Guide

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FOR WOOD BARREL

Preparing the barrel:

1. Cut a square opening from the edge of the 2 metal bands, no larger than 12" x 12". Sanding or filing of this cut edge is necessary to prevent damage to the liner during insertion.
2. The interior of the barrel interior should be washed and checked for any sharp edges, splinters or anything that could scratch the liner.
3. Use the cover plate as a template to mark where the mounting holes will be drilled into the barrel and the supplied inserts tapped in.

Diptube assembly:

1. Insert the open end of the perforated tube into the head of the diptube assembly and secure with set screw.
2. Attach filling port adaptor and use wrench to tighten. Teflon tape may be necessary.
3. The white rubber cap at the end of the tube is necessary to prevent damage to the liner from the tube's metal edge.

Inserting the Liner and diptube assembly:

1. Inspect interior for anything that may damage the liner, sanding the interior may be necessary and insure it is clean and dry.
2. Place the supplied foam sheet inside the barrel so it covers the bottom surface.
3. Insert assembly into liner and fold all 4 corners up toward assembly head. Use aspirator to remove all air from liner.
4. Insert into barrel carefully, fold out the 4 corners of the liner to maximize filling capacity.
5. Slide cover into place and secure with knob screws.

Filling the Liner:

1. Before starting to fill, inspect all connections and hoses to prevent leaks.
2. You can observe the wine filling through the transparent liner. During filling, it may be necessary to gently tug on the corners if excess liner material starts to become trapped under the folds filling with wine, this can cause stress on the liner and will reduce capacity.
3. Nearing the end of the fill, start slowing down the flow and shut it off before the liner expands out of the barrel opening. **Avoid over expanding the liner with wine or gas pressure, the red pressure relief valve can only relieve a small amount at a time. If you observe excessive gas in the headspace, attach the aspirator to the sampling port to vacuum out this gas.**
4. Once filling is complete, disconnect your filling line from the diptube assembly. Cap inlet if necessary.
5. Verify no tension is between liner and triclamp port.
6. Aspirate the SmartBarrel until all gases have been removed.

This is a very concise guide for experienced users. You are strongly encouraged to read the complete manual for installation and operational details.