CLAIMS

What is claimed is:

1. A dispensing probe comprising a short length, in relation to an overall height of a liner-containing fluid storage and dispensing package with which a dispensing assembly, including the probe, is associated, wherein the dispensing probe has a longitudinal dimension that places a bottom inlet opening of the dispensing probe at a position in an upper end portion of the liner when the dispensing assembly is engaged with the package, the bottom inlet opening is arranged to remove fluid reagent from an upper end portion of the liner, and the probe is adapted to deliver fluid reagent to a process system.

2. The dispensing probe of claim 1, arranged so that the bottom inlet opening of the dispensing probe is in fluid communication with headspace gas to permit extraction of the headspace gas from an interior volume of the liner prior to dispensing of fluid reagent from the interior volume of the liner.

3. A fluid storage and dispensing package including a vessel containing a collapsible liner, and having engaged to the fluid storage and dispending vessel a dispensing assembly including the dispensing probe of any one of claims 1 or 2.

4. The fluid storage and dispensing package of claim 3, comprising a pressurization gas inlet adapted to permit flow of pressurizing gas into the vessel to exert pressure against an exterior of the liner for pressure mediate dispensing of contents of the liner.

5. The fluid storage and dispensing package of claim 3, containing fluid reagent within the collapsible liner in a minimum headspace condition.

6. A connector adapted for coupling with a fluid storage and dispensing package including a collapsible liner, the connector comprising a dispensing probe according to any one of claims 1 or 2.

CLAIMS

What is claimed is:

1. A dispensing probe comprising a short length, in relation to an overall height of a liner-containing fluid storage and dispensing package with which a dispensing assembly, including the probe, is associated, wherein the dispensing probe has a longitudinal dimension that places a bottom inlet opening of the dispensing probe at a position in an upper end portion of the liner when the dispensing assembly is engaged with the package, the bottom inlet opening is arranged to remove fluid reagent from an upper end portion of the liner, and the probe is adapted to deliver fluid reagent to a process system.

2. The dispensing probe of claim 1, arranged so that the bottom inlet opening of the dispensing probe is in fluid communication with headspace gas to permit extraction of the headspace gas from an interior volume of the liner prior to dispensing of fluid reagent from the interior volume of the liner.

3. A fluid storage and dispensing package including a vessel containing a collapsible liner, and having engaged to the fluid storage and dispending vessel a dispensing assembly including the dispensing probe of any one of claims 1 or 2.

4. The fluid storage and dispensing package of claim 3, comprising a pressurization gas inlet adapted to permit flow of pressurizing gas into the vessel to exert pressure against an exterior of the liner for pressure mediate dispensing of contents of the liner.

5. The fluid storage and dispensing package of claim 3, containing fluid reagent within the collapsible liner in a minimum headspace condition.

6. A connector adapted for coupling with a fluid storage and dispensing package including a collapsible liner, the connector comprising a dispensing probe according to any one of claims 1 or 2.