

Material Management Unit

The Material Management Unit™ (MMU) from FRC is designed specifically to address material handling issues and provide consistent delivery to your meter, mix and dispense system. FRC offers many material management solutions. We have produced customized material management solutions for varying needs; from pressurized tanks to our proprietary NeverEmpty™ management system. We have the knowledge and experience to prepare your material for the most consistent results anywhere.

One of the principal advantages of the MMU is the ease of exchange of material supply. Materials are typically supplied in cans, buckets, barrels or totes. The MMU's design allows you to swap containers without introducing air into the system. Air in your supply lines is a major cause of off-ratio dispensing and shot size inaccuracy. Barrels can be disconnected and replaced without stopping production or requiring a de-airing of the dispensesystem. Almost all systems designed by Fluid Research are built on a modular platform for Material Management Unit integration; you can upgrade at a later time while maintaining your existing equipment.

MMU Benefits:

- Full process control reduces manufacturing variables.
- Reduces hazardous spills.
- Reduces employee exposure to harmful fumes and fluids.
- Reduces potential for injury from spills and lifting heavy material packaging.
- Continuous process and device feedback.
- Reduces variables caused by manual process control.
- Reduced energy consumption from unnecessary continuous processing.



Configurations Per Tank (as required per material)

- 5, 10 and 15 Gallon Stainless tanks
- *Larger tanks available
- Agitation
- Agitation + Heat
- Agitation + Degass
- Agitation + Heat + Degass
- Material Recirculation
- Auto Fill
- Dry air / N2 Fitting
- Level sensing
- Constant pressure servo
- NeverEmpty (4 tank configuration)

Available Options

- Powder coating on tanks