



### **LAB DISPERSING & BLENDING SYSTEM MODEL LDB-100EX-1**

The Lab Dispersing & Blending System consists of 3 major assemblies:

- Series 501, Model AM-150-P-3C/30C Lab Air Disperser, Variable High Speed
- Series 501A, Model AM-150A-P-20/200 Lab Air Mixer/Agitator, Variable Low Speed
- Model TFDU-2G-75, 2 gal. Reactor, 75 psig heating/cooling jacket and split flat cover.

This Lab Station (1 1/2 HP & 2 gallon) is used to process products needing explosion proof capabilities. The product may be subjected to high shear action on the Series 501 Disperser. The product may also be subjected to a blending action under the Series 501A Mixer/Agitator. The reactor, cone bottom and flush mounted ball valve, may be used as the mixing vessel with the versatility of controlling the temperature of the product being processed. The high speed high shear blade may be substituted with a Teflon disk, thus using the Lab Station as a Lab Mill. Various accessories are available with this system beside the built in tachometers, 3-jaws chucks, flush bottom ball valve, and the Filter Regulator Lubricator (FRL) shown in the picture. Thermal probe and temperature display, load cells or platform, sight gage, vacuum cover, view ports and view lamp may also be supplied on request.



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