UDY PROTEIN SYSTEM

- **Non-Hazardous Chemicals**
- **Quick, Easy, Affordable**
- **High Correlation With Kjeldahl**
- **Direct Protein Readout (%)**
- **Precise, Accurate and Reproducible**
- **Uses Proven Dye Binding Technology**

The UDY Protein System offered by Seedburo is quick, easy and extremely reliable for total protein analysis. Protein measurements are made by mixing weighed samples with a known volume of Reagent Dye Solution (containing an excess of Acid Orange #12 dye). Proteins in the sample react with the dye to form a precipitate. The remaining unreacted dye concentration is inversely proportional to the protein content of the sample. The UDY colorimeter is used to measure the dye concentration, thus displaying the percent of protein in the sample.

The UDY Protein System comes complete with a colorimeter with direct readout (with 1 to 4 product set-up) and all accessories and supplies (except electronic balances*) needed to perform accurate protein analysis.

OPTONAL DATA INTERFACE PACKAGE

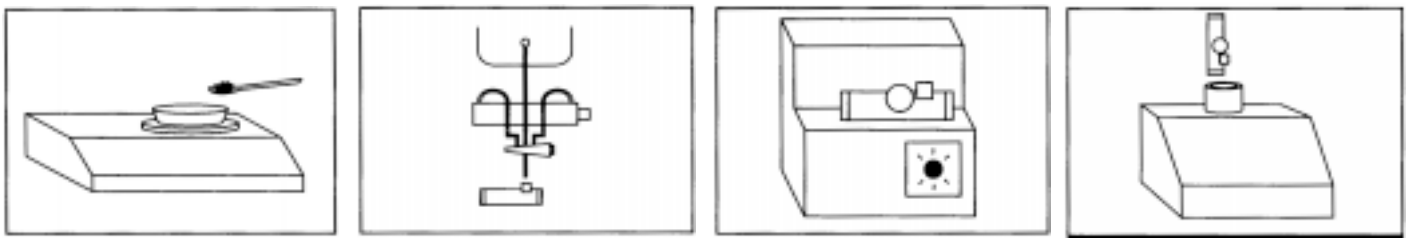
An optional serial data interface (RS232 communication board with 10' cable) package is available to provide a link from the colorimeter to a PC for data transfer of protein test. This communication is used in conjunction with the UDY "Assist" software package that captures the test data and displays it on your computer's display and can format the data for spreadsheet applications. The "Assist" software can also be used separately to provide set-up parameter data for commodities not listed in the standard procedure manual.

PROTEIN SYSTEM with Colorimeter (Using Prepared Solutions)

Protein System for Single Sample Testing (For Feeds, Grains and Forages) 115V, 60Hz.	**No. SSP/B**
Protein System for Single Sample Testing (For Feeds, Grains and Forages) 220V, 50Hz	**No. SSP/C**
Protein System for Multiple Sample Testing (For Feeds, Grains and Forages) 115V, 60Hz.	**No. MSP/B**
Protein System for Multiple Sample Testing (For Feeds, Grains and Forages) 220V, 50Hz	**No. MSP/C**
Serial Data Interface (RS232) Package with 10' Cable	**No. UD-SDI**
"Assist" Software Package, Version 1.0	**No. UD-ASP**

*See page 24-26 for electronic balances.

Protein Measurement in 4 Easy Steps:



1. Weigh out specified amount of finely ground sample

2. Dispense Reagent Dye into React-R-Tube. Add Sample

3. Shake for specified time using React-R-Mill.

4. Filter directly from React-R-Tube and read % of Protein

****OTHER SYSTEMS AVAILABLE FOR OIL OR FAT IN MEATS, DAIRY AND OILSEEDS****