

## METHYLENE BLUE

The Methylene Blue capacity of drilling fluid is an indication of the amount of reactive clays (bentonite and/or drill solids) present as determined by the methylene blue test. The methylene blue capacity provides an estimate of the total cation exchange capacity (CEC) of the drilling fluid solids. Methylene blue capacity and cation exchange capacity are not necessarily equivalent. The methylene blue capacity is normally somewhat less than the actual cation exchange capacity. Like all cation exchange methods, the methylene blue test measures the total exchange capacity of the reactive clay in a system. The reactive portions of the clay are primarily involved. Materials, such as finely ground limestone, sand, and barite, do not absorb methylene blue.



**MODEL 425 METHYLENE BLUE TEST KIT**

Fann Instrument Company offers a complete Methylene Blue Test Kit containing all reagents, glassware and hardware required to perform the methylene blue test according to the API recommended Practice. All items are neatly packaged in a rugged **Stainless Steel** carrying case.

Also available are replacement parts and reagents including Methylene Blue Solutions in varying container sizes

**Methylene Blue Kit 115 Volt – Part No.209679**

**Methylene Blue Kit 230 Volt – Part No.209694**

### **Methylene Blue Solutions Order Information:**

<b>Description</b>	<b>Size</b>	<b>Part No.</b>
Methylene Blue Solution 3.20 grams/liter	8 oz	209687
Methylene Blue Solution 3.20 grams/liter	16 oz	209688
Methylene Blue Solution 3.20 grams/liter	32 oz	209689
Methylene Blue Solution 3.20 grams/liter	1 gal	209690
Methylene Blue Solution 3.20 grams/liter	5 gal	209686
Methylene Blue Solution 4.5 grams/liter	8 oz	209691
Methylene Blue Solution 4.5 grams/liter	16 oz	209692
Methylene Blue Solution 4.5 grams/liter	1 gal	209693

**Fann offers a complete line of fluids testing equipment used for all types of drilling fluids and slurries in accordance with *API Recommended Procedures***