



Miller Number Slurry Abrasivity Test Machine



The Falex Miller Number Slurry Abrasivity Test Machine can be used to develop data from which either the relative abrasivity of any slurry (Miller Number), or the response of different materials to the abrasivity of different slurries (SAR Number), can be determined, meeting the requirements of ASTM G75, "Test Method for Determination of Slurry Abrasivity (Miller Number) and Slurry Abrasion Response of Materials (SAR Number)."

The Miller Number is an index of the relative abrasivity of slurries. Its primary purpose is to rank the abrasivity of slurries in terms of the wear of a standard reference material. The wear damage on the block is worse as the Falex Miller Number gets higher.

The SAR Number is an index of the relative abrasion response of materials as tested in any particular slurry of interest. The SAR Number is a generalized form of the Miller Number applicable to materials other than the referenced material used for the Miller Number determination. A major purpose is to rank construction materials for use in a system for pumping and fluid handling equipment for a particular slurry. The slurry damage on the specimen of material being tested is worse as the SAR Number gets higher.

STANDARD TEST METHODS

ASTM G75, Standard Test Method for Determination of Slurry Abrasivity (Miller Number) and Slurry Abrasion Response of Materials (SAR Number).

SPECIFICATIONS AND FEATURES

Falex Miller Number Slurry Abrasivity Test Machine

115V, 60 Hz P/N 079-001-001

Standard System Includes:

Machine with Motor

Electronic Predetermining Counter

Four-Trough Slurry Container

List of Miller Number Test Results

Operation Manual

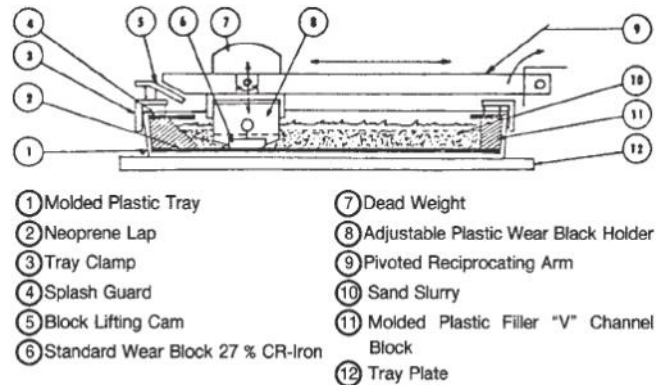


FIG. 2 Miller Number Machine Slurry Trough Cross-Section

OPTIONS AND ACCESSORIES:

079-011-002 Lap, Neoprene Molded (Set of 4)

079-021-001 Block Holder, Delrin

TEST CONSUMABLES

079-560-005 Wear Block Kit, 27% Chrome Iron, 12 blocks

010-500-070 AFS 50-70 Sand for wear testing, 50 pounds