



Taha Kimia Tajhiz Co.

fann[®]

Fann Co.

Data Network Adapter Box Datasheet

**Drilling Fluids Testing / Viscometers and
Rheometers Equipment**



Description

The DNA™ System is a proprietary hardware and software system that adds capabilities to existing Fann instruments by connecting them to a computer using Fann’s exclusive Data Acquisition and Control Software. This system combines individual instruments into one integrated test system. For example, by combining RheoVADR® Rheometer and Model 741 Temperature Controller into one integrated system, the user can create custom schedules to control speed, temperature, time, and data rates.

Application

The DNA System is ideal for users who want to automate several tests simultaneously and collect reliable data for every test.

With this system, the user can set up the tests to automatically start, run custom schedules, and stop, giving the user freedom to work on other projects.

This system combines several machines to perform individual complex tests.

The DNA System works with RheoVADR® Rheometer, Model 741 Temperature Controller, and HT4700 HPHT Filter Press. In the future, more Fann instruments will be available for connecting to the DNA System.

Custom Schedules

- Combines units to act as one, increasing overall capabilities
- Schedules for time, temperature, speed, and data rate
- Temperature ramping
- Saves test profiles and combines profiles to run complex schedules

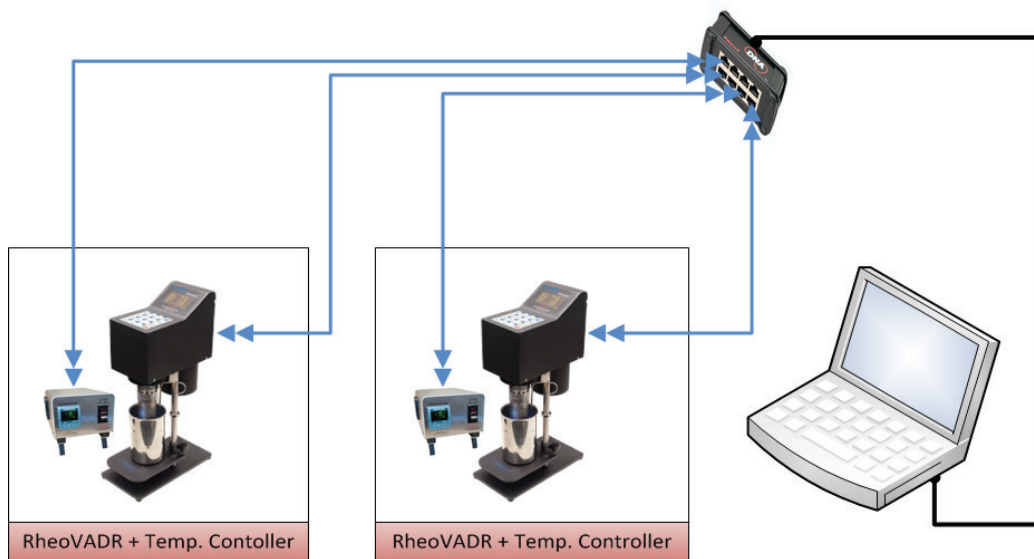
Software Features

- Collects data from various instruments
- Controls several unique instruments
- Graphical display of set points, real-time values, elapsed time and more variables
- Records data at 100 ms, 500 ms, 1 s, 2 s, 5 s, 10 s
- Audible alerts for end of test, temperature set point, and other important steps or events
- Compatible with Fann Data Manager for organizing and printing data or exporting it to a spreadsheet
- System Updates available
- Operating system— Microsoft® Windows® 7



*RJ 45 serial ports (8)
1 USB connection*

Data Network Adapter Box



This arrangement shows the DNA System connecting two RheoVADR® Rheometers and two Temperature Controllers. The computer (not included) operates the DNA software that controls the system.

The DNA box has USB computer connection and RJ45 serial ports for connecting 8 individual machines or 4 machine combinations, maximum.



Graphical results of 3 tests running simultaneously.

Ordering Information

Part No. 102410489— DNA System

System includes Data Network Adapter box (USB to RJ45) with USB computer connector, software, and two 10-ft CAT5 RJ45 cables.

Additional CAT5 Cables sold separately, Part No. 205533



This symbol indicates that the equipment is compatible with the DNA system.

Fann Instrument Company offers a complete line of equipment, materials, and supplies for analyzing various drilling fluids and oil well cements in accordance with API Specifications and API Recommended Practices.