RASAYAN

SINCE1969

HOLY SCIENTIFIC

THE ULTIMATE SOLUTION FOR LAB INSTRUMENTS

BETTER TECHNOLOGY & BEST QUOLITY WITH FAST SERVICE

- **LAB INSTRUMENTS**
- **SCIENTIFIC INSTRUMENTS**
- **LAB EQUIPMENTS**
- **SCIENTIFIC EQUIPMENTS**
- **TESTING KITS**
- **SCIENTIFIC KITS**
- **LABORATORY GLASS WARES**
- **LABORATORY PLASTICWARES**
- **LABORATORY CHAMICALS**

SDI KIT

INTRODUCTION:

HOLYSCIENTIFIC is one of the leading science equipment manufacturer & exporter of science equipments, science instruments, lab equipments, lab instruments, testing equipments, testing instruments, like Digital bio-safety cabinet, vertical & horizontal laminar air flow cooling & heating instruments like ultra low temperature deep freezers, BOD incubators, hot air oven, muffle furnace, microscope, fume hood environmental test chamber, water distillation plant, SDI kit, ocean grapy meter, water testing kit, PH meter, soil samplers & all types of laboratory & science instruments.

This laboratory & scientific instruments used for laboratory sterilization, clean room, microbiology, pathology, bio technology, pharmaceuticals, seed & soil testing, metallurgical, food processing, customized instruments

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- Reliable
- Versatile usage.
- Aesthetically designed
- Energy efficient

SDI KIT

SCOPE:

RASAYAN Silt Density Index (SDI) kit is used to determine the fouling potential of water feeding a membrane filtration process such as a reverse osmosis (RO) system. This test is defined by its specific procedure (ASTM D-4189). The ASTM procedure should be referenced for a more detailed description of the procedure.

The nature of this test is such that it cannot be run in the laboratory. The SDI test should be run daily on the water entering the RO membranes after the cartridge filters. This frequency can be reduced to weekly once background data proves that less frequent sampling is sufficient. As such, a sample tap should be installed on the RO machine after the cartridge filters.

This test can also be run across vessels such as filters or clarifiers to see if they are doing the job expected of them. SDI tests on the raw supply water should be part of every feasibility study for an RO system and it is good to run one periodically during operation of the system to make sure changes haven't occurred.

It is recommended practice to keep a record of SDI values and filters to observe changes over time.

CONSTRUCTION:

Completely assembled in a portable, compact case, ready for on-site testing. Includes ASTM instructions for measuring silt density index. Minimum of 30 PSI water pressure required. Optional Pump Assembly Kit available for pressures below 30 PSI.

USEFUL FOR WATER TREATMENT PLANTS, R.O, ETC

SDI KIT

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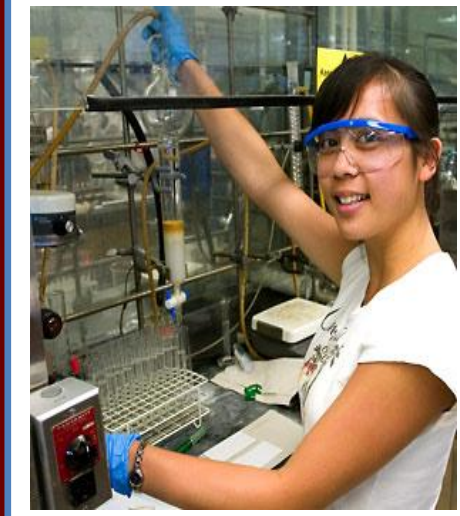

BETTER TECHNOLOGY & BEST QUOLITY WITH FAST SERVICE

- Precise control of environmental parameters
- Corrosion resistant interior & exteriors
- Sturdy construction
- Low maintenance.

EQUIPMENT SUPPLIED:

1, 1/2'Ball Valve (S.S)
1 1/2 needle valve (Brass)
1 Pressure Gauge (S.S or M.S)
1 Filter Disk Holder (0.47mm) (S.S or plastic)
1 500ml Graduated Cylinder (poly propylene)
0 to 100 Centigrade mercury thermometer.
SDI paper membrane disc
Fittings Thermometer
½ connection for easy connect to the tap connection.
Forcep

DOCUMENTATION:

User's manual.

BETTER TECHNOLOGY & BEST QUOLITY WITH QUICK SERVICE

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Optional:

1. RASAYAN SDI paper pack of 100 pcs.
2. Digital stop watch.
3. Pump assembly kit for te3sting less than 30 PSI. assembled with booster, pump power supply, & pressure regulator

Images shown in the catalog is for reference only due to the continue up gradation original unit may be differ from it.
RASAYAN reserve all the rights to change the specification & feature without any notice

MFG.BY

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