

SPECIAL SOLUTIONS

Tiftuff

An automatic gravimetric test bench for drippers and Sprinklers.

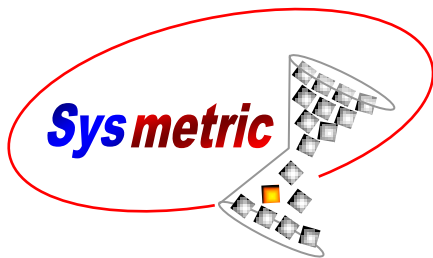


Features

- Conforms with international standards ISO-9260 and ISO-9261 for drippers.
- Can be used with any tube, 12-25mm diameter.
- Measures dripper capacity at any pressure.
- Conducts one tests at a time, with up to 10 drippers per sample.
- Method of testing – by weighing 15 second for result.
- Every test can include up to 30 measurements, each with its own pressure and preconditioning time.
- Each measurement is recorded for later processing/analysis.
- Produces reports and graphs of test results.
- A library of pre-defined tests for easy operation.
- Semi-automatic calibration.
- All wetted parts are made out of stainless steel.

Specifications

Tube diameter	12-25mm
Supported capacities	0-30, 30-120liter/hour
Pressure range	0-80meters (0-800Kpa)
Measurement accuracy	1% for single measurement
Pressure accuracy	0.1 meter (1Kpa)
Power supply	1 phase 220VAC 50/60Hz
Air supply	6.5bars
Physical dimensions	5 stations 1620X600X1020 10 stations 1700X860X1020



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Typical testing result screen

Tiftuff

File Inspection Line Production Line Operations Data Base Reports Authorization

Tank 1

Production Line Details:

Product: DP18 0.9 GPH Catalog Num: 13 [Product Details...](#)

Inspection: 0.4 GPH CURVE1 (7) [Inspection Details...](#)

Order Num: 1754

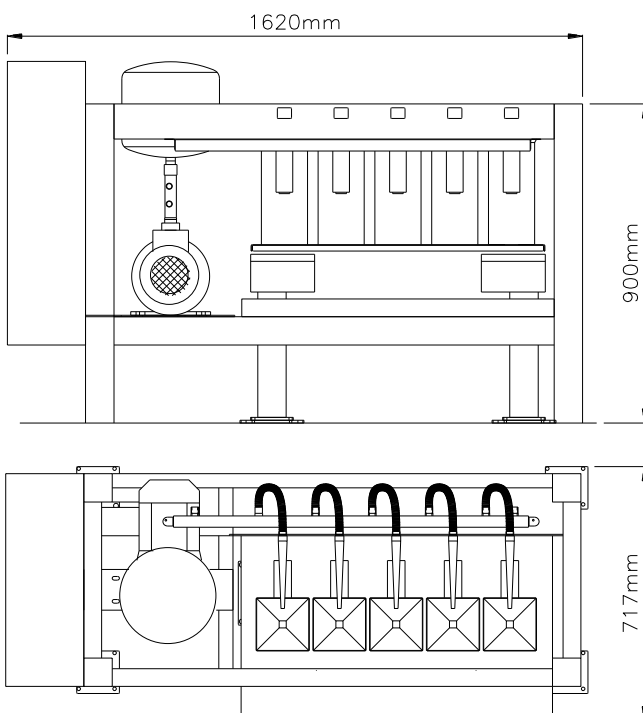
Operator Name: jshowa

Last Inspection Results:

PhaseNum	Pressure	CV	Average	1	2	3	4	5	6	7	8	9	10
1	4	2.00%	2.82	2.82	2.77	2.81	2.78	2.81	2.87	2.87	2.75	2.94	2.81
2	6	3.46%	3.08	2.95	2.97	3.12	2.98	3.07	3.11	3.20	3.05	3.29	3.05
3	8	4.47%	3.23	3.10	3.06	3.25	3.02	3.23	3.39	3.37	3.22	3.45	3.17
4	10	4.62%	3.25	3.14	3.09	3.23	3.08	3.20	3.35	3.50	3.18	3.48	3.20
5	15	4.92%	3.22	3.10	3.02	3.25	3.06	3.19	3.31	3.43	3.14	3.51	3.18
6	20	5.01%	3.21	3.03	3.06	3.21	3.05	3.19	3.34	3.45	3.12	3.47	3.17
7	25	4.80%	3.19	3.05	2.99	3.13	3.05	3.23	3.28	3.39	3.14	3.46	3.14
8	30	4.12%	3.21	3.07	3.10	3.11	3.11	3.35	3.29	3.34	3.13	3.44	3.15
9	35	5.06%	3.25	3.15	3.16	3.13	3.10	3.64	3.20	3.32	3.17	3.40	3.23
10	40	6.48%	3.37	3.17	3.19	3.29	3.22	3.92	3.36	3.45	3.25	3.42	3.41
11	45	7.68%	3.48	3.37	3.32	3.36	3.32	4.18	3.45	3.42	3.28	3.44	3.65

Line 1 Line 2 Line 3 Line 4

General view of five station



TifMan reports - [Inspections Report]

File Edit View Tools Window Help

Inspections Report

Production Line line 4 (3)

Product: DP18 0.5 GPH (07) Dripper: DP18 0.5 GP

Inspection: 0.4 GPH CURVE 12/01/2001 5:42:40 AM --- 12/01/2001 5:47:27 AM

Order Number: 1754 Operator Name: Operator Name Roll Num: 8

Phase	Pressure	CV	Average	1	2	3	4	5
1	4	15.51 %	2.69	2.96	2.20	1.80	3.00	2.86
2	6	8.43 %	3.03	3.17	2.65	2.60	3.19	3.11
3	8	7.90 %	3.20	3.38	2.84	2.84	3.30	3.26
4	10	6.56 %	3.34	3.54	3.02	3.01	3.43	3.39
5	15	4.85 %	3.48	3.61	3.19	3.25	3.53	3.46
6	20	4.37 %	3.30	3.57	3.20	3.42	3.54	3.45
7	25	3.83 %	3.48	3.64	3.28	3.39	3.44	3.44
8	30	3.77 %	3.49	3.65	3.24	3.40	3.45	3.54

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