

DHAVI





**ARAI
Certified**

EPM 1602 i3sys

TECHNICAL SPECIFICATIONS

Parameter	Range	Resolution	Accuracy
CO	NDIR	0-15%	0.001%
HC	NDIR	0-20000ppm	1ppm
CO2	NDIR	0-20%	0.01%
O2	Electrochemical	0-25%	0.01%
NOx*SOx*	Electrochemical	0-5000ppm	1ppm
Lambda		0.2-2.0	0.001%
AFR		0-30%	0.01%
RFM	Battery/magnetic	400-10000	
OT	RTD	400-10000	
Operating Temperature		0-150C	
Measuring Gas Intake		0-50C	
Response Time		1 ltr/min.	
Warm-up Time (<25C)		<5 Sec (for sampling probe length of 3m)	
Display Type		LCD	
Keyboard		Membrane Keypad (3x4)	
Power Supply		12VDC+1.2 or 230VAC+20%	
Power		25W	
Dimension		260x280x80mm (LXBH)	
Weight		5 kg	
*Optional			

Features

Designed to conform ISO3930 standard
High-end micro controller technology
Easily upgradable to measure 6 gases
Water sensor stops suction
improved interior design for easy service
Self-diagnostic facility
Integrated self-check facility
Electronic leak check facility
Automatic pump/solenoid value control facility
Automatic zero calibration
Digital span calibration
USB and RS232C parts for PC interface
Operable on both AC and DC
Display of Lambda/AFR/PEE
Fuel selection facility-Petrol/Diesel/CNG/LPG
Low battery voltage cut-off
Power Saver automatically turn off the instrument

Accessories

- Sampling Probe & Tube
- RS232/USB Interface Cable
- AC-DC Adapter with Power cord
- Wireless Remote with Charger (Optional)
- RPM Sensor with accessories (Optional)
- Software CD/User Manual



EDM 1602 i3sys

TECHNICAL SPECIFICATIONS

Parameter	Range	Resolution
HU	Light Absorption	0-99.99% 0.01%
K	Light Absorption	0-21.439m 0.0001m
RPM	Piezo	0-6000 1
	Battery	0-6000 10
	Magnetic	0-6000 10
OT	RTD	0-150 1C
Operating Temperature		0-50C
Linearity		+0.1m-1
Repeatability		+0.1m-1
Drift		+0.1m-1
Response Time		Physical :<0.4 sec:Electrical : <1msec
Smoke Column		215mm long (430mm folded lenght)
Warm-up Time		<5mm
Display Type		LCD
Keyboard		Membrane keypad (3x4)
Power Supply		12VDC+1.2V or 230VAC+20%
Power		75W
Dimension		445 x 140 x 180mm (LXBH)
Weight		8 kg
*Optional		

Features

High-end micro controller technology
improved interior design for easy service
Self-diagnostic facility
Integrated self-check facility
Automatic zero calibration
Automatic fan/heaters control facility
USB and RS232C parts for PC interface
Operable on both AC and DC
Low battery voltage cut-off
24 column dot matrix wireless printer
Function on folded geometry principle
Apt for free acceleration tests
Suitable for road tests using vehicle battery
wireless Remote
wireless RPM selection facility
Power Saver automatically turn off the instrument

Accessories

- Sampling Probe & Tube
- RS232/USB Interface Cable
- AC-DC Adapter with Power cord
- Wireless Remote with Charger (Optional)
- RPM Sensor with accessories (Optional)
- Software CD/User Manual

COMBINED PUC ANALYZER

(COMBINED GAS ANALYZER & SMOKE METER)

ECM 1601
i3sys



**High - Robust Design Easy to Install &
operate Compact & Light weight
Low maintenance & Economical Measure
emission from Petrol & Diesel engines**



TECHNICAL SPECIFICATIONS

Parameter	Range	Resolution	Accuracy
CO	NDIR	0-15%	0.001%
HC	NDIR	0-2000ppm	1ppm
CO2	NDIR	0-20%	0.01%
O2	Electrochemical	0-25%	0.01%
NOx*	Electrochemical	0-5000ppm	1ppm
SOX*	Electrochemical	0-5000ppm	1ppm
Lambda		0.2-2.0	+5%
AFR		0-30%	+5%
HU	Light absorption	0.99-99%	0.01%
K	Light absorption	0-21.439m-1	0.01%
RFM	Battery/magnetic	400-10000	10
OT	Pizeo/OBD	400-10000	1
Operating Temperature	RTD	0-150C	+2%
Measuring Gas Intake		0-50C	+2%
Response Time		1 ltr/min.	+2%
Linearity/Repeatability/Drift		<5 Sec	+2%
Warm-up Time (<25C)		+0.01-1	+2%
Zero/Gas Span Calibration		<3mm	+2%
Display Type		Automatic	+2%
Keyboard	LCD	LCD	+2%
Power Supply	Membrane Keypad (3x4)	Membrane Keypad (3x4)	+2%
Power	12VDC+1.2 or 230VAC+20%	12VDC+1.2 or 230VAC+20%	+2%
Dimension	75W	75W	+2%
Weight	480x170x260mm (LXBH)	480x170x260mm (LXBH)	+2%
*Optional	8 kg	8 kg	+2%

Features

- Designed to conform ISO3930 Standard
- Single instrument to measure emission from Petrol as well as Diesel engines
- High-end micro controller technology
- Easily upgradable to measure 6 gases
- Water sensor stops suction
- improved interior design for easy service
- Self-diagnostic facility
- Integrated self-check facility
- Electronic leak check facility
- Automatic zero calibration
- Automatic pump/fan/heaters control facility
- Digital span calibration
- USB and RS232C ports for PC interface
- Operable on both AC and DC
- Display of Lambda/AFR/PEF
- Fuel selection facility-Petrol/Diesel/CNG/LPG
- Low battery voltage cut-off
- 24 column dot matrix wireless printer
- Functions on folded geometry principle
- Apt for free acceleration tests
- Suitable for road tests using vehicle battery
- Wireless Remote
- Wireless RPM sensor
- Multi RPM selection facility

Accessories

- Sampling Probe (Petrol & diesel)
- Sampling Tube (Petrol & diesel)
- USB Interface Cable
- AC-DC Adapter with Power cord
- Wireless Remote with Charger
- RPM Sensor with accessories
- Software CD/User Manual
- Printer (optional)

Power Saver automatically turns off the instrument

DHAVI AC SERVICE MACHINE

Product Details :

Dimensions	107 H x 61 W x 53 D (cm)	Refrigerant Tank	12 kg Refillable Tank
Weight	67.5 kg with tank	Recovery Rate	0.2 kg/mm (0.5 Lbs/min.)
Optimal Operating Range	11" to 49" C (50 to 120 F)	Scale Resolution	0.01 kg
Power Source	50 / 50 Hz., 220 V.	Recycling Filter / Driver	57 Gms. (2.0 oz.) water capacity
Refrigerant Type	R-134a	Pump Free Air Displacement	142 UM (6 Cfm)



DHAVI NITROGEN CUM AIR TYRE INFLATOR

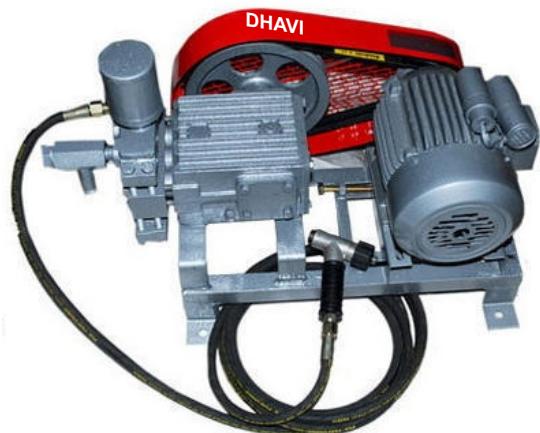
Product Details :

Display Type	LED
Model Name/Number	Dhavi Smart N2
Vehicle	Two Wheeler Cars
Digital Tyre Inflator Range	0 - 150 Psi
Nitrogen Storage	70 Litre
N2 Output Pressure	30 - 120 Psi
Nitrogen Producing Speed	2500 - 3500 L/H
Power Supply	220 V
Air Pressure	8 - 10 kg/ cm2
Dimension	1320.8 (H) * 609 (L) * 406.4(W) mm

DHAVI CAR WASHER

Product Details :

Dhavi Car Washer 100% Copper Wire Self Suction
Induction Motor Type Brass Chamber Auto Stop
Compact Design Heavy Duty Spre Parts Easy
Movable Trolley Easy Repairable



SCISSOR LIFT

Product Details :

Model No.	PSL-900/PSL-900S
Capacity	3000 kg / 4000 kg
Max. Height	1463 mm / 1524 mm
Min. Height	115 mm
Power Supply	220V / 380V
Oil Supply	6-8 Ltr. / cm3
Lifting Time	30s
Oil Pressure	18-20 Mpa
Power	3.0 HP
Hydraulic Oil	46#wear-resistance

DHAVI TYRE CHANGER (DM-24)



Run Flat

Product Details :

- RIM SIZE : 10" - 24"
- BEND BREAKING FORCE : 2000 KG.
- ROTATION SPEED : 7 RPM.
- MOTOR : 1.5HP, 220V, 50HZ.
- MACHINE WEIGHT : 180 KG.
- R/F SWITCH : 40 A WITH PURE SILVER CONTACTS.
- FOUR JAWS, DOUBLE CYLINDER.
- SWINGING ARM.
- Optional : Motorcycle Kit

DHAVI MACHINE

Product Details :

Model	S-268
Price	
Power	1.5kw
Voltage	220v/380v/415v
Working pressure	<130 Bar
Working noise	<70dB
Rim diameter	14"-2G"
Max tire weight	500 kg
Max wheel diameter	1600 mm
Max wheel width	780 mm
Net weight	570 kg
Gross weight	590 kg
Packing Size	2100*1570*830



WHEEL RIM STRAIGHTENER

Product Details :

Model- S-75

Wheel hub range : 10-24"

Hydraulic range : 10t

Hydraulic Power : 1.1w

DHAVI 3D WHEEL ALIGNMENT



Product Details :

- Semi-Automatic
- S41 Enhanced mounting bar provide long time and high strength service without any mechanical deformation.
- Equip with tire press help kit. it makes the job more quickly and easily.
- Advanced bead breaker arm structure design, the blade follows bead to inside rim contour automatically and with a protection cover, it is more safe.
- With 4 clamping jaw covers, it offer a complete protection to the rim and tire.
- It can equipt with Auto-helper makes mounting and remoulding low profile tyre more quickly and easily.
- The column of two type tyre change is different, other configuration is the same.

Product Details :

The truck and bus measurement expert beside you 3D Image Measurement Technology Scheme for Commercial Vehicles
3D Camera Dynamic Measurement System

Visual Positioning

- Industrial Camera (High Definition Pixel)
- +3D Modeling
- Measurement Mode (optional)
- Drive Bridge Mode
- Geometric Center Mode
- Three Bridge Simultaneous Testing Mode

-Wheel Hub Compensation

. The wheels have varying degrees of deflection accurate measurement reference for finding(runout) during rotation, and in order to establish the center of rotation of the wheels, wheel hub compensation is required.

- Adjusting Free
- Automatic Compensation
- WiFi Communication
- Low Power Consumption
- Fast Speed
- Ultra long battery life

Using the geometric centerline of the car as the positioning reference, optical imaging technology (industrial camera) is used to obtain images of the measured target. Through rapid image processing and graphicrecognition algorithms, the size, position, and angle of the target are obtained from the photographed image, and the position and angle relationship between the wheel, axle, and vehicle centerline are calculated.

DHAVI-D6 Truck Aligner

3D Camera Dynamic Measurement System



Product Advantages :

PK .High Capacity •Signal Stability>24hReticular Formation
USB 2.0 all-weather Accompanying benchmark high-definition industrial target measurement Configuration List camera More comprehensive Measurement of vehicle angle measurement geometric center line High end laptop WIFI communication receiving systemTarget Probe7+Three cameras+7 standard rake3Stronger anti-inter-solution to solve all vehicle ference ability detection problems Measurement Principle : Steel side slidin gangle disc Camera sensor27A lithium battery Cabinet Turntable car

DHAVI AIR COMPRESSOR

Product Details :

Single & Double Stage Blocks Automatic Start / Stop Double Safety Valve
1 HP to 10 HP Capacity Maximum Pressure 12 kg. / cm²
Low noise and vibration levels, Heavy Duty & durable air reservoir



DHAVI BALANCER (DM-24)

Product Details :

- Accuracy 5gm, 1gm in fine mode.
- Self-Diagnostic Program.
- Self-Calibration Program.
- Programs for Steel, Alloy & Motorcycle Rims.
- Suitable for all Cars/SUVs,
- Capacity : 65kg.
- Automatic Brakes.
- Balancing Speed : 200 rpm.
- Rim Diameter : 10" - 24".
- Rim Width : 1.5" - 20".

HMV WHEEL BALANCER

Product Details :

Automatic start with Wheel guard closure Electrical & Mechanical brake system Static (Single plane) and Dynamic (Two plane) balancing Two modes of measurements – Normal and Fine Five modes of Alloy wheel functions (only for Cars) Automatic distance input mechanism Manual measurement of Rim Diameter & Rim width Adjustable unbalance threshold (Weight cutoff) (9gm to 15gm for Cars) Dimension setting in "inch" or "mm" & Unit conversion in "grams" / "ounces" Self diagnostic, On-line error display facility & Self calibration



DHAVI ENGINE DECARBONIZE

Product Details :

- Size 15x12x30 Inches
- Weight 50kg
- Power 220v AC
- Rating 2kw
- Cell Construction SS-316
- Plate Thickness: 1mm
- HHO Gas: 400-600Ltr/hr.
- Timer Digital
- Voltage Meter
- Amp Meter
- Glass Bubbler for Gas Flow
- 8" High Speed Fan for Cooling
- Portable on Wheel for Easy Movement
- PU Mould Tank for Leak Proof Preparation.
- 3mm Thick Inner Neuprin Rubber Piping with Brass Connector



DHAVI COMPUTERIZED INJECTOR CLEANER CUM TESTER

Product Details :

- Easy & Quick Installation of injectors.
- With Ultrasonic Bath
- Power Supply 230v AC or Battery at 12V DC.
- Graduated glass burettes to see spray pattern.
- No attendant required.
- Soft touch Switch.
- Operating Pressure Display.
- Operating Pressure Display.
- Static Test, Leak Test, Dynamic Test, Flow Test.
- Suitable for EURO-III as well.
- Auto drain system, No Solvent handling.
- Injector overload protection, Injector coil Test.
- Accept all MPFI injectors.
- Machine can be operated even in break down condition on battery mode condition on battery mode.
- Fully programmable.
- Auto cleaning facility at 1000 rpm interval from 1000 rpm to 9000 rpm.
- Auto measure facility at 1000 rpm interval from 1000 rpm to 9000 rpm.



Dhavi Machine Pvt. Ltd.

(A Unit of Star Electronic Systems)

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Email: info@dhavimachine.com
Website: www.dhavimachine.com



officialdhavi



Dhavi Dhavi

Details Dealer

- | | |
|---------------|---|
| 1 Stamp | : |
| 2 Name | : |
| 3 Dealer Code | : |
| 4 Address | : |