

MARATHWADA KRISHI VIDYAPEETH, PARBHANI
COLLEGE OF AGRICULTURAL ENGINEERING & TECHNOLOGY

No: CAET/RKVY/ /2012

Date:

Tender Form No.	
Cash Receipt No.	
Date	
Amount (Rs.)	

To

Subject: Blank Tender Form

Ref. : Your Letter No.:

Date: / / 2012

Sir

This office is in receipt of **Rs. 3000/-** through cash towards the cost of Blank Tender form for the **Workshop Machinery** at College of Agricultural Engineering & Technology, M.K.V. Parbhani. I am enclosing here with the set of tender form as desired by you. The Earnest Money deposit (EMD) prescribed for the above mentioned tender is 1% You are requested to go through the terms and conditions of the tender before filling the tender form. Following points may be noted while submitting the tender forms.

The prescribed amount of EMD should be in the form of demand draft drawn in favour of Comptroller, M.K.V. Parbhani and should be enclosed with the tender form. The tender forms should be submitted in two separate envelopes 'A' & 'B' as given below. Both Envelop should be subscribed as Envelope "A" and Envelop "B"

Envelope "A" should contain:

- a. EMD of Rs. 1% in the form of National Bank. Demand Draft drawn in favour of the Comptroller, M.K.V. Parbhani is prescribed.
- b. Copy of the Authorized dealer it any.
- c. Copy of partnership deed, if any along with power of attorney
- d. TIN number and PAN number Xerox

Envelope "B" should contain:

1. Rates of the Workshop Machinery quoted in the Tender form.
2. Undertaking in the prescribed form for fulfilling.

Both the envelopes should be sealed in a big envelope addressed to the Associate Dean & Principal, College of Agricultural Engineering & Technology, Marathwada Krishi Vidyapeeth, Parbhani on or before 05 -03 - 2012 in office hours. The tender will be opened on 05 -03 - 2012 at 16-00 hours at Associate Dean & Principal, College of Agricultural Engineering & Technology, Marathwada Krishi Vidyapeeth , Parbhani.

Associate Dean & Principal,
College of Agricultural Engineering & Technology,
Marathwada Krishi Vidyapeeth, Parbhani.

Place:

Date:

To,

The Associate Dean & Principal,
College of Agricultural Engineering & Technology,
Marathwada Krishi Vidyapeeth, Parbhani- 431 402

Subject: Tender for **Workshop Machinery** to be purchased for college of
Agricultural Engineering and Technology, M.K.V. Parbhani.

Sir

I am submitted herewith the tender form duly filled in the Workshop Machinery for College of Agricultural Engineering & Technology, M.K.V. Parbhani. I am also enclosing herewith the following document with tender form.

1. Envelope "A" Containing:

- a. EMD of Rs. 1% in the form of National Bank. Demand Draft drawn in favour of the Comptroller, M.K.V. Parbhani is prescribed. (D.D. No: _____
Date: _____ Bank: _____)
- b. Copy of the Authorized dealer.
- c. Copy of partnership deed, if any along with power of attorney.
- d. TIN number and PAN number Xerox

2. Envelope "B" should containing:

- a. Rates of the Workshop Machinery quoted in the Tender form.
- b. Undertaking in the prescribed form.

I have gone through the terms and conditions for Workshop Machinery for College of Agricultural Engineering and Technology, M.K.V. Parbhani. I fully agree with the terms and conditions enclosed with the tender form

Yours Faithfully

Name and Signature of the Dealer/Supplier

**TERMS AND CONDITIONS FOR THE TESTING EQUIPMENT AT COLLEGE OF
AGRICULTURAL ENGINEERING AND TECHNOLOGY & TECHNOLOGY, M.K.V.
PARBHANI**

1. The tender should be accompanied with the EMD of Rs. 1% in the form of Demand Draft from any National Bank drawn in favour of Comptroller, M.K.V. Parbhani. If D.D. towards the EMD is not enclosed, the tender will be rejected. The EMD of the supplier whose Contract/tender is accepted will be retained, and in other cases, it would be returned after decision is taken on the said tenders within a month from the date of finalized of tender.
2. Rate should stand at list 6 months from the date of issue of order and should be maintained up to one year.
3. It is open to accept even higher rates or to reject or recall tender without assigning any reason. Discretionary power vests with the university authority to reject /accept tender without scrutiny or prior reason.
4. Rate should be quoted inclusive of all costs (including transport) towards equipments. Each page should be signed by the Tenderer.
5. Tender Cover must bear Tender for Workshop Machinery College of Agricultural Engineering and Technology. M.K.V. Parbhani.
6. Payment of bill will be made after testing by Associate Dean & Principal, College of Agricultural Engineering & Technology, Marathwada Krishi Vidyapeeth, Parbhani.
7. Income tax, Sales tax, VAT etc. will be deducted from bills as per Government rules.
8. All the articles will have been supplied FOR PARBHANI.
9. Advance payment will not be made either in full or part.
10. Demonstration of equipment with satisfactory performance should be given before the payment is made to the supplier.
11. The quantity may vary as per requirement.
12. Failure to observe any of the Conditions mentioned above will result in cancellation of tender.
13. The tender in whose case the tender is accepted will have to execute agreement bond and deposit initial security deposit (3%) of the total cost of execute finalized in the form of Demand Draft in the name of Comptroller M.K.V., Parbhani. The amount of security deposit will be refunded only after satisfactory completion of the contract.
14. In case of any legal disputes, the matter must be decided in the judiciary jurisdiction of District court, Parbhani. or Mumbai High court of judicature, bench at Aurangabad.
15. The supplier shall be responsible for and pay the expenses of providing medical aid to any workman who may suffer bodily injury as result of an accident at the time of testing if such expenses are incurred by university the same be recoverable from the supplier for with and be deducted without prejudice to any other remedy of Government from any amount due or that may be come due to supplier.

Associate Dean & Principal,
College of Agricultural Engineering & Technology,
Marathwada Krishi Vidyapeeth, Parbhani.

UNDERTAKING

I/We agree and accept the terms and conditions of the Tender no. _____ /2012
and also it is binding on me/our part to fulfil the supply of **Workshop Machinery** as per list
College of Agricultural Engineering & Technology, Marathwada Krishi Vidyapeeth,
Parbhani.

Signature with Seal

Name of the Dealer/Supplier
With full Address

Place: _____

Date: _____

(1)

Sr. No.	Description	Unit Rate
1.	<p>PRITAM or equivalent Turret Lathe Machine manual hand feed to Turret, Standard Accessories : - Electricals, 2 HP Motor (3 phase) belts, R/F Switch, Collet attachment with one Collet, One Spanner Set, One Allen Key Set, Oil Can etc.</p> <p>Specification :- Capacity Round Collet 25 MM, Bed length 1050 mm, Centre Height 165 mm, spindle Bore 28mm.</p> <p>Accessories at extra Cost : Tools Cost</p> <ul style="list-style-type: none"> • Knee Tool Holder • Boring Tool Holder • Centering & Facing Plunge type • Drill chuck with Sleeve • Multi tool Hoder • Parallel Shank Drill Sleeve MT-1 /MT-2 (Each Price) 	
2.	<p>JEET or equivalent Shaping Machine V Belt cone Pulley drive, Ram fitted with quick action Rocker arm mechanism, Square Box table either Fixed / Swivel type Complete wit 1 hp Motor (3 phase) belts, push Button Starter, Machine Vice with handle, manual hand lubricator with pipe line connections.</p> <p>Capacity Maximum Stroke 18"</p> <p>Tool Holder with tool</p>	
3.	<p>Salson or equivalent Horizontal Universal Milling Machine, Auto feed to table longitudinal traverse only, Cross & Vertical traverse are manual, Complete with 2 HP Motor (3 phase) belts, Push button Starter, Arbour with Spacers, & standard accessories.</p> <p>Table Surface Size 48" x 10"</p> <p>Accessories at extra cost :-</p> <ul style="list-style-type: none"> • Vertical Milling Attachment • Dividing Head Centre 137 mm • 3 jaw True chuck with flange fitted. • Milling machine vice size 125 mm with swivel base • Rotary Milling table • (Tools for Gear Cutting Operation) Involute Gear cutter • (Tools for Vertical Operation) Collet Adopter with Collet Size 3/8" • (Tools for " " " " " ") End Mill Cutter Size 3/8" 	
4.	<p>Master Arc or equivalent Welding Transformer Air Cooled, Regulator type, to work on 2 line of 3 phase supply, m/c mounted on Rubber Wheels, Capacity 400 amps, Rating 21 KVA</p> <p>Set of welding Accessories</p>	
5.	<p>Master Arc or equivalent Spot welding machine foot pedal operated with manual thyristor Capacity 15 KVA</p>	
6.	<p>Hydraulic Power Press 4 Pillar type, Steel fabricated body, Hand / Motorized type, with V block, pressure Gauge & Hose Pipe,</p> <p>Capacity 50 Tons</p> <p>(A) Price for hand operated m/c</p> <p>(B) " " " " Motorized m/c</p>	
7.	<p>Pillar Type Drill Machine Capacity 25 mm (1") Complete with 1 hp Moor (3Phase) belt, R/F switch, 1/2" drill chuck with MT-3 arbour, machine table handle & standard accessories.</p>	
8.	<p>Double ended Bench Grinder Cap. 1HP – 2800 RPM, 10" Wheel (3ph) complete with on-off switch, Wheel guard, standard tool rest etc.</p>	

(2)

Sr. No.	Description	Unit Rate																																							
9.	<p>NOVA or equivalent CNC LATHE PRODUCTION MACHINE (TURNING CENTRE)</p> <p>CNC LATHE MODEL (SPECIFICATION)</p> <table border="0"> <tr> <td>CAPACITY</td> <td>SWING OVER BED</td> <td>200 MM</td> </tr> <tr> <td></td> <td>SWING OVER CROSS SLIDE</td> <td>80 MM</td> </tr> <tr> <td></td> <td>ADMIT BETWEEN CENTRE</td> <td>300 MM</td> </tr> <tr> <td></td> <td>X AXIS TRAVEL</td> <td>100MM</td> </tr> <tr> <td></td> <td>Z AXIS TRAVEL</td> <td>250 MM</td> </tr> </table> <p>SLIDES</p> <table border="0"> <tr> <td></td> <td>SLIDES</td> <td>TURCITE COATING</td> </tr> <tr> <td></td> <td>LUBRICATION</td> <td>DOSE TYPE</td> </tr> <tr> <td></td> <td>RAPID RATE</td> <td>3 METERS / MINUTE</td> </tr> <tr> <td></td> <td>BED ANGLE</td> <td>30 DEGREE</td> </tr> </table> <p>SPINDLE</p> <table border="0"> <tr> <td></td> <td>SPINDLE BORE</td> <td>20 MM</td> </tr> <tr> <td></td> <td>INTERNAL TAPER</td> <td>MT-3</td> </tr> <tr> <td></td> <td>MOTOR POWER</td> <td>1 HP (AC)</td> </tr> <tr> <td></td> <td>SPEED RANGE</td> <td>3000 RPM</td> </tr> </table> <p>CNC CONTROL FUNCTION WITH STANDARD SPECIFICATION</p> <p>(A) SIMULATION TWO AXIS CONTROLLER (B) A C SERVO MOTORS WITH PULSE CODER (C) LCD DISPLAY WITH COLOUR GRAPHICS (D) BACK GROUND PROGRAM EDITING (E) FEED OVERRIDE 0 TO 150% & JOG 0 TO 150% (F) RAPID TRAVERSE OVERRIDE 0-25-50-100% (G) BATTERY BACK UP FOR PART PROGRAM (H) RESOLUTION 0.001 MM FOR BOTH AXIS (I) RS 232 C SERIAL PORT COMMUNICATION (J) AUTO LOSS OF MOTION (BACKLASH) COMPENSATION (L) TOOL NOSE RADIUS COMPENSATION (M) ABSOLUTE / INCREMENTAL PROGRAM (N) CUSTOM MACRO OWN MACHINE CYCLES</p> <p>STANDARD ACCESSORIES</p> <p>A) 8 STATION AUTO TURRET B) COOLANT SYSTEMS C) AUTOMATIC LUBRICATION E) 3 JAW SELF CENTERED CHUCK F) TAIL STOCK</p>	CAPACITY	SWING OVER BED	200 MM		SWING OVER CROSS SLIDE	80 MM		ADMIT BETWEEN CENTRE	300 MM		X AXIS TRAVEL	100MM		Z AXIS TRAVEL	250 MM		SLIDES	TURCITE COATING		LUBRICATION	DOSE TYPE		RAPID RATE	3 METERS / MINUTE		BED ANGLE	30 DEGREE		SPINDLE BORE	20 MM		INTERNAL TAPER	MT-3		MOTOR POWER	1 HP (AC)		SPEED RANGE	3000 RPM	
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Sr.No.	Description	Unit Rate
10	<p>Ultra Compact Optical Emission Spectrometer Technical Data for Patented Optical System</p> <ul style="list-style-type: none"> • Un-coated CCD detector with lowest dark • Current • Flat field grating • Full spectrum coverage : 170- 685 nm • Resolution: 30 pm • Argon purged for best transparency • Clear Spectrum (R) technology for advanced • Spectra deconvolution • Active Ambient Compensation (AAC) for • Operation between 10 and 45⁰C (50 and 113⁰F) <p>Analytical Solution packages (ASP)</p> <ul style="list-style-type: none"> • Different matrix calibration packages available • ASPs cover all major elements & alloy groups • Upgradable for future expansion <p>Source Generator</p> <ul style="list-style-type: none"> • Maintenance-free, two phase PWM Generator • Frequency 50 to 1000hz • Spark & arc-like discharges from 10µs to 2 ms <p>Software</p> <ul style="list-style-type: none"> • Intuitive Windows (R) based software for simple • Routine operation • Various user levels for secure and task-specific • Operations • Functions for qualitative and quantitative • Analysis • Complete Q Matrix Software Suite including • Analysis database & interfaces to Office • Software • Grade Library functions <p>Electrical Data</p> <ul style="list-style-type: none"> • 100 to 240 V (50/60 Hz) • 200 W during measurement, 50 W standby • 16 A (240V) slow blow fuse or 25 A (100V) • Slow blow fuse <p>Spark Stand</p> <ul style="list-style-type: none"> • Maintenance free • Argon Consumption 2.5 l/min during measurement • Argon quality 4.8 (or better) 	

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Q2 AI- Base Calibration Ranges

Elements	AI Global		AI-Si		AI-Cu		AI-Zn	
	AI100		AI120		AI130		AI150	
	Min %	Max%	Min %	Max%	Min %	Max%	Min %	Max%
Si	0.005	22.00	5.00	22.00	0.005	1.30	0.005	0.45
Fe	0.02	2.20	0.03	1.50	0.02	0.65	0.02	0.65
Cu	0.005	21.00	0.005	4.40	1.00	21.00	0.005	2.80
Mn	0.005	12.00	0.005	0.55	0.005	1.10	0.005	0.55
Mg	0.005	10.00	0.005	1.50	0.005	1.50	0.30	5.00
Cr	0.005	0.35	0.005	0.15	0.005	0.14	0.005	0.40
Ni	0.005	4.00	0.005	4.50	0.005	0.20	0.005	0.005
Zn	0.005	11.00	0.005	0.33	0.005	0.45	1.00	11.00
Ti	0.002	0.45	0.005	0.25	0.005	0.28	0.002	0.22
Pb	0.05	1.00	0.05	0.60	0.005	0.06	0.005	0.05
Sn	0.01	0.32	0.01	0.33	0.005	0.06		
V	0.005	0.11	0.005	0.06	0.005	0.11		
Zr	0.005	0.24	0.005	0.11	0.005	0.24		
Sr	0.01	0.15	0.003	0.15				
AI	Reference		Reference		Reference		Reference	

Setup Standards (optional):

RA10, Ra18, RA19

PROPOSED ANALYTICAL PROGRAM FOR Fe BASE.

Elements	Fe- Global		Low Alloy Steel		Cast Iron		Cr Cr/ Ni Steel	
	Fe100		Fe110		Fe120		Fe130	
	Min %	Max%	Min %	Max%	Min %	Max%	Min %	Max%
C	0.005	4.40	0.005	1.50	1.70	4.50	0.005	1.70
Si	0.01	6.00	0.01	1.50	0.10	5.00	0.005	4.00
Mn	0.005	19.00	0.003	2.50	0.005	1.50	0.005	19.00
P	0.100	1.20	0.003	0.08	0.003	1.20	0.003	0.07
S			0.003	0.10	0.003	0.10	0.003	0.10
Cr	0.01	28.00	0.003	5.50	0.01	1.40	7.00	27.00
Mo	0.01	11.00	0.01	1.50	0.01	1.50	0.01	3.00
Ni	0.005	50.00	0.01	6.50	0.01	1.80	0.01	22.00
Cu	0.005	8.00	0.005	0.80	0.005	1.50	0.003	8.00
AI	0.005	1.20	0.003	1.20	0.003	0.09	0.003	0.05
Mg	0.005	0.12			0.005	0.12		
Co	0.005	10.00	0.005	0.35	0.005	0.12	0.005	0.60
Nb	0.005	3.00	0.005	0.35	0.005	0.07	0.005	3.00
Ti	0.003	2.50	0.003	0.35	0.003	0.35	0.003	0.45
V	0.01	10.00	0.005	0.90	0.005	0.55	0.005	0.90
W	0.10	19.00	0.03	3.30	0.05	1.50		
Fe	Reference		Reference		Reference		Reference	

Sr	Name of Equipments	Technical Details
11	Dynamometer EDDY CURRENT DYNAMOMETER W 40 SCHENCK AVERY OR Equivalaent	<p>EDDY CURRENT DYNAMOMETER W 40</p> <ul style="list-style-type: none"> - consists of cooling chambers made from special alloy steel. - Cradle mounted housing with flexure support, which are with - Half coupling • Contact-less speed measurement by means of an inductive pick-up (60 pole toothed disc with pulse generator) - Load cell for torque measurement <p>The performance parameters for the dynamometer are Max. Power 40 KW Max. Torque 75 Nm Max. Speed 17000 rpm</p> <p>CALIBRATION SYSTEM KIT This essentially consists of following: -Two weight levers -Two trays Weight pieces suitable for calibration up to full scale of dynamometer</p> <p>MAGNETIC FILTER Prevents the entry of magnetic particles in the dynamometer. Universal joint on both ends with telescopic arrangements.</p> <p>CARDAN SHAFT GUARD -Prevents any injury to the operator in the event of any failure of shaft running at very high speed.</p> <p>DYNAMOMETER CONTROL SYSTEM LSG 2010 & LEW 2000 The basic controller Microprocessor based includes the LSG 2010 digital control unit for operation and control of dynamometer & processing torque, speed signals.</p> <p>MODES OF OPERATION:- Speed constant , Torque constant, Open loop Position Control for dynamometer</p> <p>DIGITAL INDICATION OF:- SPEED, TORQUE , POWER, TIME TOTALISER</p> <p>BUMPLESS MODE TRANSFER AVAILABLE</p>
02	<p>Computerized Universal Testing Machine 100KN(10T)</p> <p>Capacity 100kN</p> <p>MODEL: TNE100-SD-PC</p>	<p>Suitable for tension, compression, shear, Flexural testing on metals, plastics, rubber, wire samples as per IS 1828(2005): Class I.,</p> <p>TECHNICAL SPECIFICATIONS:</p> <p>Universal Testing Machine Capacity 10 T. With</p>

	<p>MCS Make OR Equivalaent</p>	<p>following features/ parameters. Maximum Capacity: 100 kN (10 tons) Test materials: Metal, Rubber, Plastic, Wire. Load cells: 100KN . (1,2,5,10,25,50 KN Optional at additional cost) Load resolution: 0.01% Load accuracy: +/- 0.5% Length resolution: Cross head travel: 0.01 mm Length accuracy: 0.05mm</p> <p>Test mode: Tensile, Compression, Flexural, Bending.</p> <p>Cross head speed: Variable from 0.1 to 250 mm/min</p> <p>Cross head speed resolution: 0.01 mm</p> <p>Cross head travel: 700 mm with grip and load cell.</p> <p>Grip and attachment:</p> <ol style="list-style-type: none"> Compression plates 150 mm dia. Std supply. Wedge action Grips with 0-10,10-20 mm for flat sample and 8-12, 12-20 mm for round sample with 50 mm width.std supply. 3 point bend flexural attachment. Grip for wire dia from 0.1 to 6 mm Eccentric roller Grip required for testing rubber samples. Screw type grips for testing round and sheet plastic sample <p>Extensometer:</p> <p>Type : Strain gauge type</p> <p>Model: MCE-2</p> <p>Gauge length: 25 & 50 mm replaceable.</p> <p>Max. extention: 2 mm</p> <p>Resolution: 1 micron</p> <p>As per IS 12872 : 1991:Class I.</p> <p>Display: Real time display of date and test curve.</p> <p>Control system: Computer controlled based on dedicated software.</p> <p>Units: Load units KN,N,KG, Stress unit Kn/mm*mm,</p>
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		<p>N/mm*mm Kg/mm*mm, psi.</p> <p>Safety: Emergency stop, Over travel protection, Electronic over load protection.</p> <p>a) Computer: Branded computer with licenses operating system Windows XP or Windows 7 with minimum configuration such as i3 processor, 3.1 GHz, Hard disc of 500 GB, RAM 2GB DDR3, Graphic card 1GB,DVD Writer, Monitor 18.5 TFT. or Higher/equivalent</p> <p>Computer accessories:</p> <p>b) Printer: HP Laser jet 1020: 1 no. or Higher/equivalent</p> <p>c) UPS Branded 1KVA with 15 min backup. Software backup in CD: Software for tensile , compression, flexural, bending as standard.</p> <p>MEASURING SYSTEM DETAILS:</p> <p>Microprocessor based panel with digital indication of load, displacement, extension etc.</p> <p>Full fledge membrane keyboard</p> <p>Data entry for entering specimen dimensions.</p> <p>Scrolling of results up to failure.</p> <p>Push button zeroing of load, displacement and extension.</p> <p>Results on panel include ultimate load, displacement at ult load, max. displacement ,UTS, % Elongation, % reduction in area, Yield load, Yield Stress. (% elongation and % reduction in area are available after entering initial and final dimensions.)</p> <p>PC interface with serial communication.</p> <p>16 Bit A TO D convertor with 10 microseconds conversion time for analog channels</p>
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		<p>SOFTWARE DETAILS:</p> <ul style="list-style-type: none"> • Windows XP based application software to control machine as per requirement and to get test results developed in house using MS Access database and VB as front end. • Test report standard format with user defined fields provided. Customised test report will be designed as per customer requirement if required. • High speed data acquisition and interface with RS 232C communication to acquire data of load, displacement and extension from panel and to send speed etc to panel. • Software designed for tensile, compression, bending, cyclic, spring, shear tests • All test results stored under unique file no. which can be retrieved any time. • Test results include ultimate load, displacement at ultimate load, max. displacement, ultimate stress, proof stress at 0.1-1 %. Breaking load, Breaking Strength, Yield strength, 0.5% Yield strength at 0.5% extension, % elongation, % reduction in area, Young's modulus, flexural strength and modulus, modulus data for spring, spring constant etc. (any other results can be added if required) • Menu and icon driven software for easy operation. • Test report with graph available on any printer connected to PC. • Selectable load, stress units like, KN, N, KG, KN/MM*MM, N/MM*MM, mpa, psi, , kg/mm*mm etc. • Over travel, over load, selectable load and displacement safety provided. • Icons for zeroing of load, displacement, extension provided. • On line real time graph available. • Extensive graphics with curve tracing, zooming, magnifying etc. • Output of 2 graphs for single test viz. load vs displacement, stress vs strain. • Batch testing software available. • Transfer of test data to excel.
03	<p>HUMAN VIBRATION METER Make : M/s. Quest Technologies, USA Model HAVPro OR Equivalant</p>	<p>Hand-Arm & Whole Body Vibration Kit</p> <p>Includes 72-001 HAVPro Personal Human Vibration Monitor, 72-010 3-Axis Voltage Mode Accelerometer, 72-007 Sensor Cable, 72-005 Clamp Style Mounting Adapter and 72-011 3-Axis Seat Pad Accelerometer</p>

04	<p>Soil Compaction Meter SPECTRUM MODEL SC-900</p> <p>OR Equivalaent</p>	<p>Monitor overall soil compaction and quality, quick and effectively with this digital penetrometer.</p> <p>The #1 source of yield loss in agriculture, soil compaction prevents moisture penetration, reduces fertilizer and chemical utilization and hinders plant root growth. In some cases, yield losses can run as high as 30% due to soil compaction. Don't let it go unnoticed.</p> <p>Soil Compaction meters are used to determine the density of soil and other material. An operator pushes a rod with attached (ASAE standard) cone into the ground. The resistance of the cone as it is pushed in the ground is measured and recorded in the memory of the compaction meter. The depth of the cone below soil surface is also measured and recorded in memory.</p> <p>Compaction data is recorded and displayed at one inch intervals, in PSI or kPa. Built-in datalogger eliminates the need to record data manually. Included software allows user to download data, change logger settings and configure the meter.</p> <p>Measure, log, and review data with the SC-900 Soil Compaction Meter to make better soil management decisions based on data specific to your field. Identify and address specific problem areas on-site and in real time</p>

