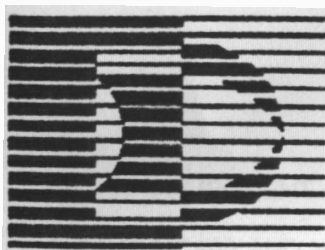
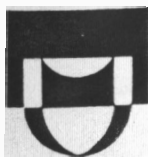


# DAETRON



# GENERAL CATALOG

A DIVISION OF  
BERGERON TECHNOLOGIES INC.  
PRINTED IN CANADA



**DAETRON**

a division of Bergeron Technologies Inc.

935 THE QUEENSWAY, BOX 641  
STATION U, TORONTO, ONTARIO  
CANADA M8Z 5Y9

Table of Contents

MC400 COMPONENT ANALYSER/CAPACITANCE METER	1
MC300, MC400 AND MC200 ACCESSORIES	3
MC300 DIGITAL CAPACITANCE METER	4
MC200 DIGITAL CAPACITANCE METER	6
MM100 4 IN 1 MULTIMETER	7
MM200 VERSITILE MULTITMETER	9
MM300 MULTI-FEATURED BENCH MULTIMETER	11
MM100, MM200 & MM300 ACCESSORIES	13
DT100 SERIES DIGITAL THERMOMETERS	14
DT100 SERIES THERMOMETERS ACCESSORIES	16
DAETRON DECADE BOXES	
RESISTANCE	17
CAPACITANCE	18
INDUCTANCE	18
PRICES	19
DAETRON      ORDER FORM	21

# MC400 Component Analyser/ Capacitance Meter

Our MC300 was a major success. The MC400 builds on that success and offers you a whole new package of powerful features. Features that will not only test most 3 pin semiconductors, but will identify and categorize them, and tell you which pins are which. This hand held instrument is portable enough for you to carry out on the field anywhere and has more power than some sophisticated laboratory equipment.



## Some examples of Tests

### COMPONENT TESTS:

#### IDENTIFIES TYPE OF COMPONENT

Identifies whether FET, bipolar transistor. SCR, TRIAC, UJT or PUT.

#### IDENTIFIES POLARITY OF COMP.

NPN, PNP, for bipolars.  
• P or N channel for FETS.  
Enhancement or Depletion for FETS.

#### IDENTIFIES PINOUT OF COMPONENT

base, collector or emitter for bipolars.  
gate for FETS, SCRs, Triacs.  
• drain & source on some FETS.  
• anode & cathode on Triacs, SCRs.  
• bases & emitters on UJTs & PUTs

#### TEST VOLTAGE REGULATORS

• Checks 3 pinned low power voltage regulators up to 12V depending on quiescent current.  
• Zener diodes to 23V and rectifiers. (Zener voltage with 9V battery depends on its condition.)

OPTIONAL CARRYING CASE  
AND AC ADAPTOR

### CAPACITANCE TESTS:

Fully autoranging to 1 FARAD with 10 range manual capability. Range of 0.0 pF to 1 FARAD (999.9 mF). 0.5% basic accuracy up to 100 uF. Full 4 digits 0.5 inch LCD display.

- Three ways of zeroing including power-on autozero mode. Ability to zero large values up to 99.99 uF
- Automatically calculates the lengths of cables in feet, metres, miles, kilometres, (theoretical range of 10,000 miles).
- Ability to read leakage of capacitors.
- Reads dielectric absorption.
- Sorts capacitors in 2 different modes.
- Hold function freezes display in most modes.



## DAETRON

a division of Bergeron  
Technologies Inc.  
935 the Queensway Box 641  
Toronto Ont. Canada

## DAETRON'S MC400...LOTS OF POWER IN A SMALL PACKAGE

### SPECIFICATIONS (SUBJECT TO CHANGE WITHOUT NOTICE)

#### COMPONENT TESTS:

THE FOLLOWING TESTS ARE DONE BY INSERTING THE PART IN THE TOP 3 RECEPTACLES OF THE TRANSISTOR SOCKET. THE USER DOES NOT NEED TO KNOW THE PIN IDENTIFICATION OR TYPE OF COMPONENT TO PERFORM THESE TESTS.

IDENTIFIES THE TYPE OF THE FOLLOWING COMPONENT:  
BIPOLAR TRANSISTORS, FETS, TRIACS, SCRS, UJTS, PUTS.

BIPOLAR TRANSISTORS  
IDENTIFIES POLARITY (NPN, PNP) **Ebc**  
IDENTIFIES PINS (COLLECTOR, BASE & EMITTER) **Pnp**

FIELD EFFECT TRANSISTOR  
IDENTIFIES TYPE OF FET (ENHANCEMENT OF DEPLETION)  
IDENTIFIES POLARITY (P CHANNEL OF N CHANNEL)  
IDENTIFIES PINOUT (GATE AND DRAIN AND SOURCE ON SOME FETS) **dgs**

TRIACS IDENTIFIES PINOUT (GATE, ANODE, CATHODE) **ErAc**

SCRS IDENTIFIES PINOUT (GATE, ANODE, CATHODE)  
TESTS FOR GOOD COMPONENT. **Scr**

UNIJUNCTION TRANSISTORS (UJTs)  
IDENTIFIES PINOUT (BASES & EMITTERS) **UJE**

PROGRAMMABLE UNIJUNCTION TRANSISTORS (PUTs)  
IDENTIFIES PINOUT (GATE, ANODE CATHODE) **PUE**

VOLTAGE REGULATORS (NOTE THE USER HAS TO KNOW THE PINOUT OF THE VOLTAGE REGULATORS)  
TESTS MOST 3 PINNED LOW POWER VOLTAGE REGULATORS LIKE THE 78xx SERIES AND 79xx SERIES.  
READS THE OUTPUT VOLTAGE OF THE REGULATOR FROM THE TRANSISTOR SOCKET. THE MAXIMUM VOLTAGE DEPENDS ON THE QUIESCENT CURRENT OF THE DEVICE. **PrEG**

ZENER DIODE AND RECTIFIERS  
READS ANY ZENER DIODE VALUE UP TO APPROX. 23V (WITH OPTIONAL AC ADAPTOR) AND DISPLAYS VOLTAGE ON THE DISPLAY. **ZEnr**  
RECTIFIER TEST SHOWS BOTH FORWARD AND REVERSED BIAS VOLTAGES.



THE MC400 HAS THE ABILITY TO MEASURE IN AN AUTORANGING MODE EVEN EXTREMELY LARGE POWER SUPPLY CAPACITORS LIKE THIS ONE. USED IN COMPUTER POWER SUPPLIES.

#### CAPACITANCE TESTS

RANGE FULLY AUTORANGING FROM 1 pF TO 999.9 mF (1FARAD)  
MANUAL RANGE CAPABILITY IN 8 RANGES  
0.001 pF TO 0.009 pF 100.0 uF TO 999.9 uF  
10.00 nF TO 99.99 nF 1000 uF TO 9999 uF  
100.0 nF TO 999.9 nF 10.00 mF TO 99.99 mF  
1.000 uF TO 9.999 uF 100.0 mF TO 999.9 mF  
10.00 uF TO 99.99 uF

OVERRANGE INDICATION IS DISPLAYED AS "OVER"

ACCURACY 0.5% OF FULL SCALE TO 100 uF  
1.5% OF FULL SCALE TO 1.000 uF  
5.5% OF FULL SCALE TO 1 FARAD  
ACCURACY IS VALID FOR BOTH AUTO AND MANUAL RANGING

LEAKAGE CALCULATES LEAKAGE OF CAPACITOR UP TO APPROX. 50VDC  
DISPLAYS THE RESULT IN CURRENT.

DIELECTRIC ABSORPTION METHOD OF READING:  
CYCLES CAPACITOR THROUGH 3 PREDETERMINED TIMED PERIODS OF SOAKAGE, DISCHARGE AND RECOVER AFTER WHICH THE DISPLAY READS A RATIO OF FULLY CHARGED VOLTAGE TO RECOVER VOLTAGE  
THE METHOD IS DONE IN ACCORDANCE WITH MIL-C-18178D **DA**

ZEROSING ALLOWS ZEROSING OF ANY CAPACITANCE VALUE UP TO 100 uF BY 3 DIFFERENT METHODS:  
1. POWER ON METHOD- AUTO ZEROS ANY VALUE AT THE TERMINALS UP TO APPROXIMATELY 100.0 pF  
2. DEPRESSING THE ZERO KEY- ANY VALUE AT TERMINALS UP TO 100.0 uF IS ZEROED.  
3. ENTER THE ZERO VALUE THROUGH THE KEYPAD

SORTING CAPACITORS 3 BASIC CONFIGURATIONS  
1. SORTING IN HIGH/GOOD/UNDER METHOD BY DEFINING A DEADBAND. **HIGH GOOD**  
2. SORTING IN % DEVIATION AROUND A USER DEFINED SETPOINT. **COLD**

CABLE MEASUREMENTS AUTOMATICALLY CALCULATES LENGTHS OF CABLES IN FEET METRES, MILES, KILOMETRES (THEORETICAL RANGE OF 10,000 MILES).  
SAMPLE CAPACITANCE IS ENTERED IN IN 2 DIFFERENT WAYS  
1. VALUE IS ENTERED IN THROUGH THE KEYPAD  
2. PLACING A 1 FOOT OR 1 METRE SAMPLE AT THE INPUT TERMINALS AND PRESSING THE "CAP/UNIT" KEY.

HOLD FUNCTION FREEZES THE DISPLAY WHEN MEASURING:  
VALUE, SORTING MODES AND CABLE MEASUREMENTS.

INPUT DIODE CLAMPING AND FUSE PROTECTED INPUTS AT BOTH INPUT SOCKETS AND BANANA JACKS. DISCHARGE RESISTOR IN OFF POSITION OF POWER SWITCH AT INPUT SOCKETS AND BANANA JACKS.

#### GENERAL:

POWER NEEDS ONLY A SINGLE 9V BATTERY.  
DISPLAY INDICATES LOW BATTERY CONDITIONS BY DISPLAYING "BATT"  
POWER CONSUMPTION IS LESS THAN 30mA **BATT**

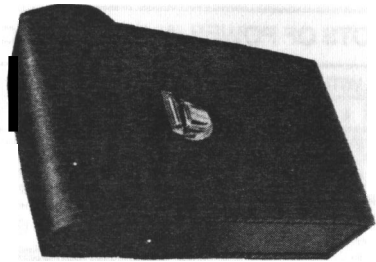
CASE HI-IMPACT ABS PLASTIC CASE WITH METAL TILT STAND. DIMENSIONS 188 MM X 88 MM X 44 MM

ACCESSORIES INCLUDES INSTRUCTION MANUAL WITH CALIBRATION PROCEDURE AND SPARE FUSE AND 3 TESTS LEADS FOR USE TESTING COMPONENTS IN THE TRANSISTOR SOCKET

OPTIONS OC118 CARRYING CASE, FB108 AC ADAPTOR  
FUTURE OPTIONS WILL INCLUDE A SPECIAL COMPONENT MOUNT FOR SURFACE MOUNT TRANSISTORS

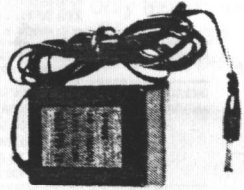
## MC300, MC400 AND MC200 ACCESSORIES

### CC100



HIGH QUALITY CARRYING CASE  
MANUFACTURED WITH A TOUGH  
LEATHER LIKE MATERIAL.  
IT CAN HOLD EITHER M E MC300  
OR MC400

### PS100



AC ADAPTOR  
CSA and UL approved  
for use with both the  
MC300 and MC400.  
This option is re-  
commended for the  
component analyser  
for operation at its nom-  
inal level.

**TL101** Test lead with pin and miniature alligator clip approx. 3 inches in length  
(for use as a spare)



**TL102** Test leads with pins and miniature alligator clips approx. 3 inches in length  
Set of 2 (normally supplied with mc300)



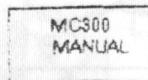
**TL103** Test leads with pins and miniature alligator clips approx. 3 inches in length.  
set of 3 (normally supplied with the MC400)



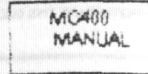
**TL110** Pair of red and black 35" long high quality test leads with alligator clips and  
standard banana plugs.



**MC300MAN**. SPARE MANUAL FOR MC300.  
NORMALLY SUPPLIED WITH THE MC300.

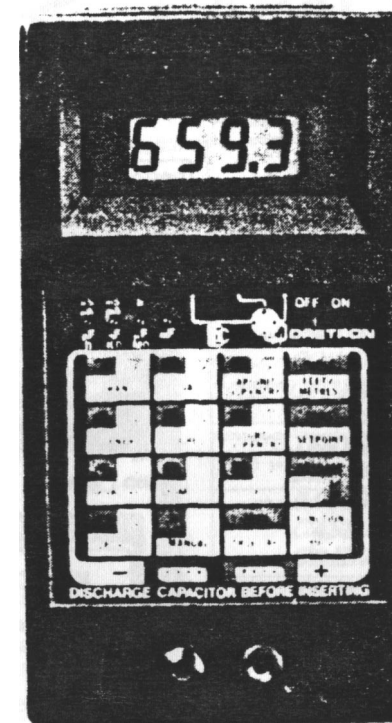


**MC400MAN**. SPARE MANUAL FOR MC400.  
NORMALLY SUPPLIED WITH THE MC400.



# DOES YOUR DIGITAL CAPACITANCE METER DO THIS?

FULL 4 DIGIT 0.5 INCH LCD DISPLAY COMPLETELY AUTORANGING WITH 10 RANGE MANUAL CAPABILITY



### AND THIS

RANGE OF 0.0 pF TO 1 FARAD  
(999.9 mF) 0.5% BASIC ACCURACY  
UP TO 1 uF

### AND THIS

READS DIELECTRIC  
ABSORPTION

### AND THIS

EXTENDED PSEUDO 5 DIGIT  
RESOLUTION ON SOME RANGES  
ONLY

### AND THIS

ABILITY TO ZERO LARGE CAPACITANCE  
VALUES UP TO 99.99 uF

### AND THIS

CALCULATES TRUE CAPACITANCE  
IF CAPACITOR IS LEAKY

### AND THIS

DIODE CLAMP AND FUSED  
PROTECTED INPUT  
DISCHARGE RESISTOR IN OFF  
POSITION AT TERMINAL INPUTS  
POWERED BY 9V BATTERY

### AND THIS

HOLD FUNCTION FREQUENT  
DISPLAY

### AND THIS

IDENTIFIES TRANSISTORS  
(NPN, PNP) AND THEIR LEADS  
(E, B, C ETC)

### AND THIS

TESTS ZENER DIODES AND  
RECTIFIERS UP TO 25.5V ZENER  
WITH AC ADAPTOR ZENER  
VOLTAGE WITH 9V BATTERY  
DEPENDS ON ITS CONDITION

### AND THIS

AUTOMATICALLY CALCULATES  
LENGTHS OF CABLES IN  
FEET METRES, MILES,  
KILOMETRES (THEORETICAL  
RANGE OF 9.999 MILES)

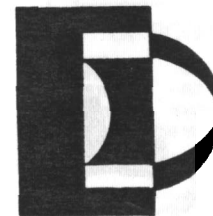
### AND THIS

ABILITY TO SORT CAPACITORS  
IN DIFFERENT MODES

### AND THIS

ABILITY TO READ LEAKY  
CAPACITANCE

NO OTHER HAND HELD DIGITAL CAPACITANCE METER CAN DO SO MANY THINGS AT SUCH AN INCREDIBLY LOW COST THE MC300 HAS FEATURES NOBODY HAS EVER EVEN THOUGHT OF IN OTHER DIGITAL CAPACITANCE METERS THAT'S WHAT MAKES THE MC300 THE FINEST VALUE IN THE MARKET TODAY



# DAETRON MC300

DIGITAL  
CAPACITANCE

# DAETRON'S MC300 THE ULTIMATE VALUE IN A HAND-HELD DIGITAL CAPACITANCE METER

## SPECIFICATIONS

RANGE	FULLY AUTORANGING FROM 000.1 pF TO 999.9 mF · FARAD
	MANUAL RANGE CAPABILITY IN 10 RANGES
	0.0 pF TO 1,000.0 pF
	1,000.0 pF TO 10,000.0 pF
	10,000.0 pF TO 100.0 nF
	100.0 nF TO 1,000.0 nF
	1,000.0 nF TO 10.000.0 nF
	10,000.0 nF TO 100.000.0 nF
	100,000.0 nF TO 1,000.000.0 nF
	1,000.000.0 nF TO 10,000.000.0 nF

OVER

OVERRANGE INDICATION IS DISPLAYED AS OVER

ACCURACY	0.5% OF FULL SCALE FROM 0.1 pF TO 1,000.0 nF
	10% OF FULL SCALE FROM 1,000.0 nF TO 1,000.0 uF
	50% OF FULL SCALE FROM 1,000.0 uF TO 1 FARAD
	ACCURACY IS VALID FOR BOTH AUTO AND MANUAL RANGING

EXTENDED RESOLUTION	SHOWS INTERNAL 5th DIGIT RESOLUTION BY SHIFTING DISPLAY TO THE LEFT (MSD DISAPPEARS, AND DISPLAYING 5th DIGIT ON LSD LOCATION) (AVAILABLE ON 10 RANGES ONLY)
---------------------	--

TRUE CAPACITANCE	CALCULATES THE VALUE OF TRUE CAPACITANCE IF CAPACITOR IS LEAKY. ACCURACY IS ± 5.0% WHEN THIS FEATURE IS ACTIVATED UNLESS CAPACITOR IS A NON LEAKY TYPE THEN NORMAL ACCURACY APPLIES
------------------	---

LEAKAGE	CALCULATES INSULATION RESISTANCE OR CURRENT OF CAPACITOR IF CAPACITOR IS LEAKY
---------	--

DIELECTRIC ABSORPTION	METHOD OF READING CYCLES CAPACITOR THROUGH 3 PREDETERMINED TIME PERIODS OF SOAKAGE, DISCHARGE AND RECOVER AFTER WHICH THE DISPLAY READS A RATIO OF FULLY CHARGED VOLTAGE TO RECOVER VOLTAGE
-----------------------	--

ZEROING	ALLOWS ZEROING OF ANY CAPACITANCE VALUE UP TO 100.0 uF BY 3 DIFFERENT METHODS 1. POWER ON METHOD - AUTOZEROS ANY VALUE AT TERMINALS UP TO APPROXIMATELY 150.0 pF 2. DEPRESSING ZERO KEY - ANY VALUE AT TERMINALS UP TO 100.0 uF IS ZEROED 3. ENTER THE ZERO VALUE THROUGH THE KEYBOARD
---------	---

SORTING CAPACITORS	2 BASIC CONFIGURATIONS 1. SORTING IN HIGH GOOD UNDER METHOD BY DEFINING A DEADBAND 2. SORTING IN % DEVIATION AROUND A USER DEFINED SETPOINT
--------------------	---

CABLE MEASUREMENTS	AUTOMATICALLY CALCULATES LENGTHS OF CABLES IN FEET METRES MILES KILOMETRES (THEORETICAL RANGE OF 10,000 MILES)
--------------------	--

SAMPLE CAPACITANCE IS ENTERED IN 2 DIFFERENT WAYS

1. VALUE IS ENTERED IN THROUGH KEYPAD
2. PLACING A 10 FOOT OR 10 METRE SAMPLE AT THE INPUT TERMINALS AND DEPRESSING THE CLP UN \* KEY

HOLD FUNCTION	FREEZES THE DISPLAY WHEN MEASURING VALUE TRUE CAPACITANCE TIME CONSTANT LEAKAGE EXTENDED RESOLUTION ANY SORTING MODE AND CABLE MEASUREMENT
---------------	--

INPUT	DIODE CLAMPING AND FUSE PROTECTED INPUTS AT BOTH INPUT SOCKETS AND BANANA JACKS DISCHARGE RESISTOR IN OFF POSITION OF POWER SWITCH AT INPUT SOCKETS AND BANANA JACKS
-------	--

## TRANSISTOR TESTS

Er An PnP	Capability of identifying transistor type (NPN, PNP and their leads (COLLECTOR, BASE, EMITTER))
n Pn Ebc	INSERT TRANSISTOR IN ANY LEAD CONFIGURATION IN THE 3 INPUTS OF THE TRANSISTOR SOCKET

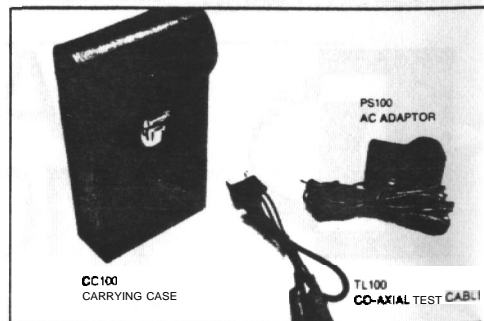
ZENER DIODE AND RECTIFIER TESTS	READS ANY ZENER DIODE VALUE UP TO 25.5V (WITH OPTIONAL AC ADAPTOR) AND DISPLAYS VOLTAGE ON THE DISPLAY RECTIFIER TEST SHOWS BOTH FORWARD AND REVERSED BIAS VOLTAGES
---------------------------------	---

POWER	NEEDS ONLY A SINGLE 9V BATTERY DISPLAY INDICATES LOW BATTERY CONDITIONS BY DISPLAYING BATT POWER CONSUMPTION IS LESS THAN 20 mA
-------	---

CASE	HI-IMPACT ABS PLASTIC CASE WITH METAL TILT STAND DIMENSIONS 180 MM x 95 MM x 44 MM
------	--

ACCESSORIES	INCLUDES INSTRUCTION MANUAL WITH CALIBRATION PROCEDURE AND SPARE FUSE
-------------	---

OPTIONS	CC100 CARRYING CASE PS100 AC BATTERY ADAPTOR
---------	--



CC100 CARRYING CASE

PS100 AC ADAPTOR  
TL100 CO-AXIAL TEST CABLE



# MC200 DIGITAL CAPACITANCE METER



MADE IN CANADA

## OPTIONAL EQUIPMENT

CC100	CARRYING CASE	\$24.95
PS100	AC ADAPTOR	\$11.95
TL110	PAIR OF 36 INCH LONG RED AND BLACK TEST LEADS WITH ALLIGATOR CLIPS	\$12.95

- 4 FULL DIGIT 0.5 INCH LCD DISPLAY
- AUTORANGING FROM 0.0 pF TO 1 FARAD (999.9 mF)
- BASIC ACCURACY OF 0.5%
- DIODE CLAMPED AND FUSE PROTECTED INPUT
- POWERED BY 9 VOLT BATTERY OR OPTIONAL AC ADAPTOR. DISPLAY INDICATES LOW BATTERY CONDITIONS BY DISPLAYING BATT.
- IMPACT RESILIENT ABS PLASTIC CASE WITH METAL TILT STAND. DIMENSIONS 180MM x 95MM x 44MM
- CAPACITOR IS READ THRU BUILT IN CAPACITOR SOCKET OR BANANA JACKS
- COMES WITH INSTRUCTIONS CONTAINING CALIBRATION PROCEDURE AND SPARE FUSE.

\$149.95



DAETRON

935 THE QUEENSWAY  
BOX 641  
TORONTO, ONTARIO, CANADA  
M8Z-6Y9

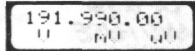
# THE REVOLUTIONARY MULTIMETER THAT READS 4 Voltages at the Same Time

IN A 3.5 DIGIT MODE OR 2 VOLTAGES AT THE SAME TIME IN A 4.5 DIGIT MODE

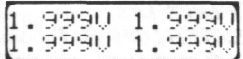
## ALL AUTORANGING OR MANUAL RANGING

The Daetron 4 in 1 multimeter can also display 3 voltages *and* 1 current at the same time or 2 voltages, 1 current and 1 resistance, and other combinations.

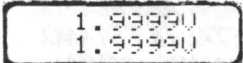
Other display modes include:  
analog bargraph mode and  
panoramic resolution mode



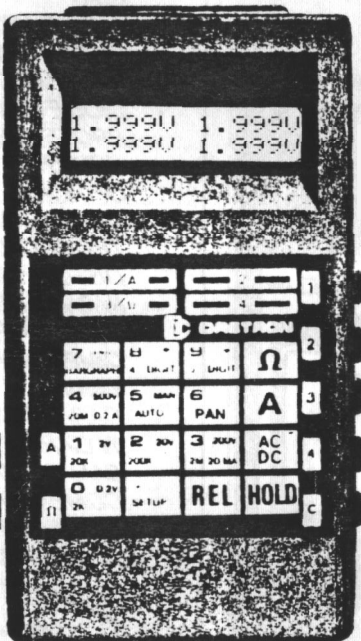
3 1/2 DIGIT DISPLAYS



4 1/2 DIGIT DISPLAYS



CURRENT  
RESISTANCE



MODEL MM100(A)\*

Each voltage input is individually programmable using our comparative mode feature to beep above a value, below a value or in between 2 values.

- Other features for all 4 inputs
- RELATIVE REF (100% full scale)
  - HOLD FUNCTION
  - AUTO OR MANUAL RANGING
  - COLOUR CODED INPUTS TO AVOID CONFUSION
  - CONTINUITY BEEPER WITH PROGRAMMABLE VALUE

- VOLTAGE #1
- VOLTAGE #2
- VOLTAGE #3
- VOLTAGE #4
- COMMON

Now when you have to monitor several points at the same time on that tough unit you're troubleshooting or that detailed experiment or new design you're slaving over, you'll never again have to scramble around for a few extra multimeters that you can't find or don't have. It's like having 4 units in one.

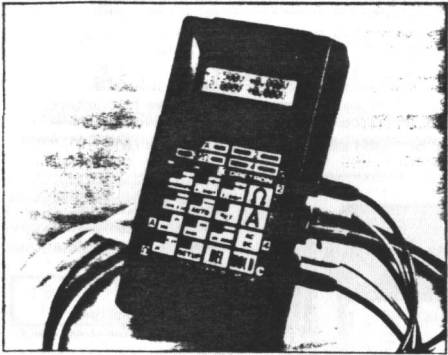
# DAETRON MULTIMETER

THE HIGH PRODUCTIVITY MULTIMETER\*

\* (A) - denotes 2 A version

	QUAD 3.5 DIGIT DISPLAY	OW L 4.6 DIGIT DISPLAY	SINGLE 4.6 DIGIT DISPLAY
<b>DC VOLTAGE</b>	<ul style="list-style-type: none"> <li>* RANGES (AUTO 0 R MANUAL) *2, 20, 200, 500</li> <li>* BASIC ACCURACY *0.2% + 1 COUNT</li> <li>* RESOLUTION ON LOWEST RANGE *1 mV</li> <li>* INPUT IMPEDANCE *10 MOHMS</li> <li>* INPUT IMPEDANCE BETWEEN ANY 2 INPUTS ON 0.2V RANGE *APPROX. 70 MOHMS</li> <li>* RESPONSE TIME *LESS THAN 1 SECOND BETWEEN RANGES LESS THAN 2 SECONDS WITHIN RANGES</li> <li>* OVER VOLTAGE PROTECTION *600 VDC OR PEAK AC ANY RANGE</li> </ul>	<ul style="list-style-type: none"> <li>*0.2, 2, 20, 200, 500</li> <li>*0.2% + 1 COUNT</li> <li>*10 uV</li> <li>*10 MOHMS</li> <li>*APPROX. 70 MOHMS</li> <li>*LESS THAN 1 SECOND BETWEEN RANGES</li> <li>*LESS THAN 2 SECONDS WITHIN RANGES</li> <li>*600 VDC OR PEAK AC ANY RANGE</li> </ul>	<ul style="list-style-type: none"> <li>*0.2, 2, 20, 200, 500</li> <li>*0.2% + 1 COUNT</li> <li>*10 uV</li> <li>*10 MOHMS</li> <li>*APPROX. 70 MOHMS</li> <li>*LESS THAN 1 SEC. BETWEEN RANGES</li> <li>*LESS THAN 2 SEC. WITHIN RANGES</li> <li>*600 VDC OR PEAK AC ANY RANGE</li> </ul>
<b>AC VOLTAGES</b>	<ul style="list-style-type: none"> <li>* RANGES (AUTO ONLY)</li> <li>* BASIC ACCURACY FOR 50/60 HZ *0.2% + 1 COUNT, 3% ON 2 MOHMS, 5% ON 20 MOHMS</li> <li>* RESOLUTION ON LOWEST RANGE *1 mV</li> <li>* INPUT IMPEDANCE *10 MOHMS</li> <li>* INPUT IMPEDANCE BETWEEN ANY 2 INPUTS *APPROX. 70 MOHMS</li> <li>* RESPONSE TIME *LESS THAN 2 SECONDS</li> <li>* OVER VOLTAGE PROTECTION *600 VDC OR PEAK AC ANY RANGE</li> </ul>		<ul style="list-style-type: none"> <li>*2, 20, 200, 500</li> <li>*1.5% + 1 COUNT</li> <li>*0.1 mV</li> <li>*10 MOHMS</li> <li>*APPROX. 70 MOHMS</li> <li>*LESS THAN 2 SECONDS</li> <li>*600 VDC OR PEAK AC ANY RANGE</li> </ul>
<b>RESISTANCE:</b>	<ul style="list-style-type: none"> <li>* RANGES *2K, 20K, 200K, 2M, 20M</li> <li>* RESOLUTION *0.1 OHM</li> <li>* BASIC ACCURACY *2% + 1 COUNT, 3% ON 2 MOHMS, 5% ON 20 MOHMS</li> <li>* MAXIMUM IN RANGE VOLTAGE *APPROX. 250 mV</li> </ul>	<ul style="list-style-type: none"> <li>*2K, 20K, 200K, 2M, 20M</li> <li>*0.1 OHM</li> <li>*2% + 1 COUNT, 3% ON 2 MOHMS, 5% ON 20 MOHMS</li> <li>*APPROX. 250 mV</li> </ul>	<ul style="list-style-type: none"> <li>*2K, 20K, 200K, 2M, 20M</li> <li>*0.1 OHM</li> <li>*2% + 1 COUNT, 3% ON 2 MOHMS, 5% ON 20 MOHMS</li> <li>*APPROX. 250 mV</li> </ul>
<b>DC CURRENT:</b>	<ul style="list-style-type: none"> <li>* RANGES *200 mA</li> <li>* RESOLUTION *10 nA</li> <li>* BASIC ACCURACY *2% + 1 COUNT</li> <li>* VOLTAGE BURDEN *0.2V</li> </ul>	<ul style="list-style-type: none"> <li>*200 mA</li> <li>*10 nA</li> <li>*2% + 1 COUNT</li> <li>*0.2V</li> </ul>	<ul style="list-style-type: none"> <li>*200 mA</li> <li>*10 nA</li> <li>*2% + 1 COUNT</li> <li>*0.2V</li> </ul>
<b>OTHER FEATURES:</b>	<ul style="list-style-type: none"> <li>* NOTE: A 2 AMP VERSION IS ALSO AVAILABLE</li> <li>* CONTINUITY TEST: *AUDIBLE INDICATION AT LESS THAN 10 OHMS ON POWER UP. CONTINUITY BEEPER CAN BE PROGRAMMED FOR ANY VALUE</li> <li>* GENERAL: *POWER CONSUMPTION: APPROX. 22 mA ALKALINE BATTERY RECOMMENDED DIMENSIONS: 160 mm X 88 mm X 44 mm INCLUDED: ONE RED W D ONE BLACK TEST LEADS AND INSTRUCTION MANUAL</li> <li>* OPTIONS: *CARRYING CASE 1 ALLIGATOR OR EZ HOOK COLOR CODED TEST LEADS FOR USE WITH COLOR CODED INPUTS AC ADAPTOR</li> <li>* FEATURES: *EACH DISPLAY CAN BE INDIVIDUALLY PROGRAMMED FOR: comparative mode feature to beep above a value, below a value or in between 2 values. *Other features for all 4 inputs include: RELATIVE REFERENCE (100% full scale) HOLD FUNCTION AUTO OR MANUAL RANGING COLOUR CODED INPUTS TO AVOID CONFUSION CONTINUITY BEEPER WITH PROGRAMMABLE THRESHOLD</li> </ul>		

# Daetron's Versatile Hand Held Multimeter, that can display simultaneously minimum, maximum and normal variable inputs



**SOME MULTIMETERS SEE ONLY 1/3 OF THE PICTURE OR ONLY 1/4**

**1.999V  
1.999V 1.999V**

**1.999V 1.999V  
1.999V 1.999V**

READ MINIMUM AND MAXIMUM DISPLAYS ON THE BOTTOM ROW OF THE 2 X 16 LCD DOT MATRIX DISPLAY, WHILE READING THE NORMAL VARIABLE INPUT ON THE TOP.

No need to constantly push or flip switches to view these minimum and maximum values.

READ FOUR VOLTAGES AT THE SAME TIME IN A 3.6 DIGIT MODE OR 2 VOLTAGES AT THE SAME TIME IN A 4.5 DIGIT MODE.

ALL AUTORANGING OR MANUAL RANGING

The Daetron MM200 multimeter can also display 3 voltages and 1 current at the same time or 2 voltages, 1 current and 1 resistance, and other combinations

Each voltage input is individually programmable using our comparative mode feature to beep above a value, below a value or in between 2 values.

Other features for all 4 inputs:

- RELATIVE REFERENCE. (100% full scale)
- AUTO OR MANUAL RANGING
- CONTINUITY BEEPER WITH PROGRAMMABLE VALUE

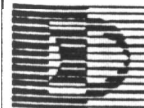
- \*HOLD FUNCTION
- \*COLORED CODED INPUTS TO AVOID CONFUSION



## DAETRON MM200 MULTIMETER

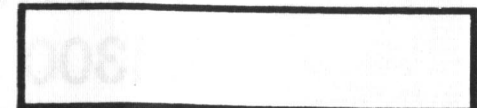
### MM200 SPECIFICATIONS (subject to change without notice)

	QUAD 3.5 DIGIT DISPLAY	DUAL 4.5 DIGIT DISPLAY	SINGLE 4.5 DIGIT DISPLAY
<b>DC VOLTAGE</b>			
* RANGES (AUTO OR MANUAL)	* 2, 20, 200, 500	* 0.2, 2, 20, 200, 500	* 0.2, 2, 20, 200, 500
* BASIC ACCURACY	* 0.2% + 1 COUNT	* 0.2% + 1 COUNT	* 0.2% + 1 COUNT
* Resolution on lowest range	* 1 mV	* 10 uV	* 10 uV
* INPUT IMPEDANCE	* 10 MOHMS	* 10 MOHMS	* 10 MOHMS
* INPUT IMPEDANCE BETWEEN ANY 2 INPUTS ON 0.2V RANGE	* APPROX. 70 MOHMS	* APPROX. 70 MOHMS	* APPROX. 70 MOHMS
* RESPONSE TIME	* LESS THAN 1 SECOND BETWEEN RANGES * LESS THAN 2 SECONDS WITHIN RANGES	* LESS THAN 1 SECOND BETWEEN RANGES * LESS THAN 2 SECONDS WITHIN RANGES	* LESS THAN 1 SEC. BETWEEN RANGES * LESS THAN 2 SECS. WITHIN RANGES
* OVER VOLTAGE PROTECTION	* 800 VDC OR PEAK AC ANY RANGE.	* 800 VDC OR PEAK AC ANY RANGE	* 800 VDC OR PEAK AC ANY RANGE
<b>AC VOLTAGES</b>			
* RANGES (AUTO ONLY)			* 2, 20, 200, 500
* BASIC ACCURACY FOR 50/60 HZ			* 1.5% + 1 COUNT
* Resolution on lowest range			* 10 mV
* INPUT IMPEDANCE			* 10 MOHMS
* INPUT IMPEDANCE BETWEEN ANY 2 INPUTS			* APPROX. 70 MOHMS
* RESPONSE TIME			* LESS THAN 2 SECONDS
* OVER VOLTAGE PROTECTION			* 800 VDC OR PEAK AC ANY RANGE
<b>RESISTANCE:</b>			
* RANGES	* 2K, 20K, 200K, 2M, 20M	* 2K, 20K, 200K, 2M, 20M	* 2K, 20K, 200K, 2M, 20M
* RESOLUTION	* 0.1 OHM	* 0.1 OHM	* 0.1 OHM
* BASIC ACCURACY	* 2% + 1 COUNT, 2% ON 2 MOHM, 5% ON 20 MOHM	* 2% + 1 COUNT, 2% ON 2 MOHM, 5% ON 20 MOHM	* 2% + 1 COUNT, 2% ON 2 MOHM, 5% ON 20 MOHM
* MAXIMUM IN RANGE VOLTAGE	* APPROX. 250 mV	APPROX. 250 mV	* APPROX. 250 mV
<b>DC CURRENT:</b>			
* RANGES	* 2 A	* 2 A	* 2 A
* RESOLUTION	* 100 uA	* 100 uA	* 100 uA
* BASIC ACCURACY	* 2% + 1 COUNT	* 2% + 1 COUNT	* 2% + 1 COUNT
* VOLTAGE BURDEN	* 0.2V	* 0.2V	* 0.2V
<b>* CONTINUITY TEST:</b>	* AUDIBLE INDICATION AT LESS THAN 10 OHMS ON POWER UP. CONTINUITY BEEPER CAN BE PROGRAMMED FOR ANY VALUE		
<b>* GENERAL:</b>	* DIMENSIONS: 77.5 mm X 95.0 mm X 50 mm INCLUDED: ONE RED AND ONE BLACK TEST LEADS AND INSTRUCTION MANUAL * LCD DOT MATRIX DISPLAY		
<b>* OPTIONS:</b>	* CARRYING CASE * 8 ALLIGATOR OR EZ HOOK COLOR CODED TEST LEADS FOR USE WITH COLOR CODED INPUTS * AC ADAPTOR * 8 VOLT ALKALINE BATTERY OR OPTIONAL PB100 AC ADAPTOR		
<b>* POWER:</b>	* EACH DISPLAY CAN BE INDIVIDUALLY PROGRAMMED FOR comparative mode feature to beep above a value, below a value or in between 2 values.		
<b>* FEATURES:</b>	* MINIMUM/MAXIMUM FEATURE: Top row of LCD display normal variable input while bottom row shows minimum value on left and maximum value on right * Other features for all 4 inputs include: RELATIVE REFERENCE (100% full scale) HOLD FUNCTION AUTO OR MANUAL RANGING COLOUR CODED INPUTS TO AVOID CONFUSION CONTINUITY BEEPER WITH PROGRAMMABLE THRESHOLD		



## DAETRON

a division of Beigerson Technologies Inc.  
885 The Queensway P.O. Box 541,  
Toronto Ont. Canada M8E

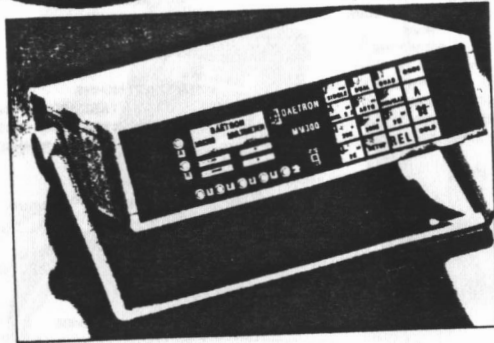


**NEW**

# Multi-Featured Bench

# Multimeter from DAETRON

**MODEL MM300**



**SOME MULTIMETERS SEE ONLY  
1/3 OF THE PICTURE OR ONLY 1/4**

**1.999V  
1.999V 1.999V**

**1.999V 1.999V  
1.999V 1.999V**

READ MINIMUM AND MAXIMUM DISPLAYS ON THE BOTTOM ROW OF THE 2 X 16 LCD DOT MATRIX DISPLAY, WHILE READING THE NORMAL VARIABLE INPUT ON THE TOP.

No need to constantly push or flip switches to view these minimum and maximum values.

READ FOUR VOLTAGES AT THE SAME TIME IN A 3.5 DIGIT MODE OR 2 VOLTAGES AT THE SAME TIME IN A 4.5 DIGIT MODE.  
ALL AUTORANGING OR MANUAL RANGING

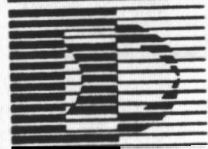
The Daetron 4 in 1 multimeter can also display 3 voltages and 1 current at the same time or 2 voltages, 1 current and 1 resistance, and other combinations.

Each voltage input is individually programmable using our comparative mode feature to beep above a value, below a value or in between 2 values.

Other features for all 4 inputs:

- \* RELATIVE REFERENCE (100% full scale)
- \* AUTO OR MANUAL RANGING
- \* CONTINUITY BEEPER WITH PROGRAMMABLE VALUE

- \* HOLD FUNCTION
- \* COLORED CODED INPUTS TO AVOID CONFUSION



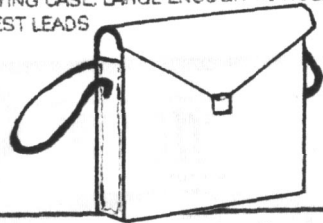
# DAETRON MM300 MULTIMETER

	QUAD 3.5 DIGIT DISPLAY	DUAL 4.5 DIGIT DISPLAY	SINGLE 4.5 DIGIT DISPLAY
<b>DC VOLTAGE</b>	<ul style="list-style-type: none"> <li>* RANGES (AUTO OR MANUAL) *2, 20, 200, 500</li> <li>* BASIC ACCURACY *0.2% + 1 COUNT</li> <li>* Resolution on lowest range *1 mV</li> <li>* INPUT IMPEDANCE *10 MOHMS</li> <li>* INPUT IMPEDANCE BETWEEN ANY 2 INPUTS ON 8.3V RANGE</li> <li>* RESPONSE TIME *APPROX. 70 MOHMS</li> <li>* OVER VOLTAGE PROTECTION *LESS THAN 1 SECOND BETWEEN RANGES LESS THAN 2 SECONDS WITHIN RANGES</li> <li>* 800 VDC OR PEAK AC ANY RANGE</li> </ul>	<ul style="list-style-type: none"> <li>*0.2, 2, 20, 200, 500</li> <li>*0.2% + 1 COUNT</li> <li>*10 uV</li> <li>*10 MOHMS</li> <li>*APPROX. 70 MOHMS</li> <li>*LESS THAN 1 SECOND BETWEEN RANGES</li> <li>*LESS THAN 2 SECONDS WITHIN RANGES</li> <li>*800 VDC OR PEAK AC ANY RANGE</li> </ul>	<ul style="list-style-type: none"> <li>*0.2, 2, 20, 200, 500</li> <li>*0.2% + 1 COUNT</li> <li>*10 uV</li> <li>*10 MOHMS</li> <li>*APPROX. 70 MOHMS</li> <li>*LESS THAN 1 SEC. BETWEEN RANGES</li> <li>*LESS THAN 2 SEC. WITHIN RANGES</li> <li>*800 VDC OR PEAK AC ANY RANGE</li> </ul>
<b>AC VOLTAGES</b>	<ul style="list-style-type: none"> <li>* RANGES (AUTO ONLY)</li> <li>* BASIC ACCURACY FOR 50/60 HZ</li> <li>* Resolution on lowest range</li> <li>* INPUT IMPEDANCE</li> <li>* INPUT IMPEDANCE BETWEEN ANY 2 INPUTS</li> <li>* RESPONSE TIME</li> <li>* OVER VOLTAGE PROTECTION</li> </ul>		<ul style="list-style-type: none"> <li>*2, 20, 200, 500</li> <li>*1.5% + 1 COUNT</li> <li>*10 mV</li> <li>*10 MOHMS</li> <li>*APPROX. 70 MOHMS</li> <li>*LESS THAN 2 SECONDS</li> <li>*800 VDC OR PEAK AC ANY RANGE</li> </ul>
<b>RESISTANCE:</b>	<ul style="list-style-type: none"> <li>* RANGES *2K, 20K, 200K, 2M, 20M</li> <li>* RESOLUTION *0.1 OHM</li> <li>* BASIC ACCURACY *2% + 1 COUNT, 3% ON 2 MOHM, 5% ON 20 MOHM</li> <li>* MAXIMUM IN RANGE VOLTAGE *APPROX. 250 mV</li> </ul>	<ul style="list-style-type: none"> <li>*2K, 20K, 200K, 2M, 20M</li> <li>*0.1 OHM</li> <li>*2% + 1 COUNT, 3% ON 2 MOHM, 5% ON 20 MOHM</li> <li>*APPROX. 250 mV</li> </ul>	<ul style="list-style-type: none"> <li>*2K, 20K, 200K, 2M, 20M</li> <li>*0.1 OHM</li> <li>*2% + 1 COUNT, 3% ON 2 MOHM, 5% ON 20 MOHM</li> <li>*APPROX. 250 mV</li> </ul>
<b>DC CURRENT:</b>	<ul style="list-style-type: none"> <li>* RANGES *2 A</li> <li>* RESOLUTION *100 nA</li> <li>* BASIC ACCURACY *2% + 1 COUNT</li> <li>* VOLTAGE BURDEN *0.2V</li> </ul>	<ul style="list-style-type: none"> <li>*2 A</li> <li>*100 nA</li> <li>*2% + 1 COUNT</li> <li>*0.2V</li> </ul>	<ul style="list-style-type: none"> <li>*2 A</li> <li>*100 nA</li> <li>*2% + 1 COUNT</li> <li>*0.2V</li> </ul>
<b>OTHER FEATURES:</b>			
<b>CONTINUITY TEST:</b>			* AUDIBLE INDICATION AT LESS THAN 10 OHMS ON POWER UP. CONTINUITY BEEPER CAN BE PROGRAMMED FOR ANY VALUE
<b>GENERAL:</b>			* DIMENSIONS: 275 mm X 250 mm X 50 mm INCLUDED: ONE RED AND ONE BLACK TEST LEADS AND INSTRUCTION MANUAL * LCD DOT MATRIX DISPLAY
<b>OPTIONS:</b>			* CARRYING CASE * 8 ALLIGATOR OR EZ HOOK COLOR CODED TEST LEADS FOR USE WITH COLOR CODED INPUTS
<b>POWER FEATURES:</b>			* POWER SUPPLY IS INCLUDED FOR OPERATION OF AC MAINS (120V) * EACH DISPLAY CAN BE INDIVIDUALLY PROGRAMMED FOR: comparative mode feature to beep above a value, below a value or in between 2 values. * MINIMUM/MAXIMUM FEATURE: Top row of LCD display normal variable input while bottom row shows minimum value on left and maximum value on right * Other features for all 4 inputs include: RELATIVE REFERENCE (100% full scale) HOLD FUNCTION AUTO OR MANUAL RANGING COLOUR CODED INPUTS TO AVOID CONFUSION CONTINUITY BEEPER WITH PROGRAMMABLE THRESHOLD

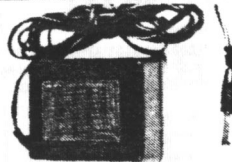


# MM100 ACCESSORIES & MM300

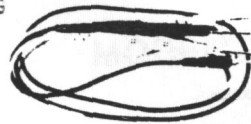
**CC200** - CARRYING CASE, LARGE ENOUGH TO HOLD THE MM100 AND A SET OF TL220 OR TL230 TEST LEADS



**PS100** - AC ADAPTOR, CSA AND UL APPROVED



**TL210** - SET OF SPARE RED AND BLACK TEST LEADS (NORMALLY SUPPLIED WITH MM100)



**TL220** - Set of 6 colour coded ez hook test leads, each about 36 inches long, to match colour coded inputs to MM100. Highly recommended to avoid confusion when leading many voltages at the same time.



**TL230** - Set of 6 colour coded alligator test leads, each about 36 inches long, to match colour coded inputs to MM100. Highly recommended to avoid confusion when reading many voltages at the same time.



**TL 221** - Single Spare EZ hook test lead, 36 inches long, available in red, blue, green, yellow, white and black. substitute RD, BU, GR, YE, WH, BK after TL221 for correct part number.



**TL 231** - Single Spare alligator test lead, 36 inches long, available in red, blue, green, yellow, white and black. substitute RD, BU, GR, YE, WH, BK after TL231 for correct part number.



**MM100MAN** - SPARE MANUAL FOR MM100 (NORMALLY SUPPLIED WITH MM100)

MM100  
MANUAL

AVAILABLE IN JUNE

## DT100 SERIES Digital Handheld Thermometers FROM DAETRON

"THE SMART DIGITAL THERMOMETERS"



### DESCRIPTION

The DT100 Series of digital thermometers are a complete line of microprocessor based intelligent units capable of being programmed to display and manipulate a large variety of data. The six types include a single input unit (DT100) with RS232 o/p option (DT110), a dual unit (DT120) with RS232 o/p option (DT130), and a quad unit (DT140) with RS232 o/p option (DT150). Each input on any of the units can be programmed for HOLD, Relative Reference (as on some multimeters), temperature trend, Average temperature, Minimum/Maximum modes, and comparative modes. The comparative mode feature allows any input to beep above a value, below a value or in between 2 values. Inputs are also switch selectable between F & C. Thermocouples available are K, J, and T types.

### CAN DISPLAY A U INPUTS AT ONCE

Since the DT series utilizes a 16x2 Dot matrix display, an inputs can be viewed at the same time, so there is no need for any scan M. Various combinations of displays can be had including subtracting any 2 inputs for temperature differentials.

### SUPERIOR VALUE

TYPICAL DISPLAYS:  
Minimum Maximum Reading

1	1000.0	K	*normal variable input
	122.01	1500	*min VP on left
			*max VP on right

Temperature Difference

	122.0	K	-difference temperature on top
1, 1122		2, 1000	-normal variable temperatures to be subtracted on bottom

QUAD DISPLAYS

1	100.0	2	200.0	-shows 4 temperatures being read at the same time.
3	300.0	4	400.0	

DUAL DISPLAYS

2	100.0	FK	-shows 2 temperatures read and displayed at the same time
3	200.0	FK	

Thermocouples available

K Type  
J Type  
T Type

Six Different Indicators For Your Temperature Needs



DT100/110

DT120/130

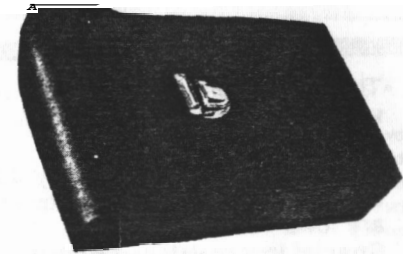
DT140/150

THE  
**DAETRON**

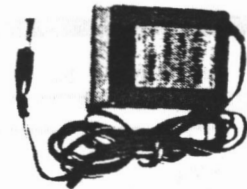
# DT100 SERIES THERMOMETERS ACCESSORIES

## DT100 SERIES SPECIFICATIONS (subject to change without notice)

	DT100/110 SINGLE INPUT	DT120/130 DUAL INPUT	DT140/150 QUAD INPUT
<b>RANGE</b> (switchable from F to C)			
<b>K TYPE</b>	-385 to 1000 F -230 to 1370 C	SAME	SAME
<b>J TYPE</b>	-345 to 2170 F -210 to 1190 C	SAME	SAME
<b>T TYPE</b>	-335 to 745 F -205 to 395 C	SAME	SAME
<b>ACCURACY</b>	<b>LESS THAN 1%</b>	SAME	SAME
<b>RESOLUTION</b>	0.1 to 1,999.9 1 above 1,999	SAME	SAME
<b>MINIMUM/MAXIMUM MODES</b>	<b>DISPLAYS</b>	<b>DISPLAYS</b>	<b>DISPLAYS</b>
-Normal input on top -Min/Max on bottom			
-Min/Max on top for any input -Min/Max on bottom for any input			
-All Min. or Max. for any 4 inputs on top or bottom			
<b>TEMPERATURE DIFFERENCE</b>			
Temp. difference on top T. T on bottom			
Temp. difference between any 2 inputs on top and/or bottom			
<b>AVERAGE TEMPERATURE</b>	Key activated	Key activated on 1 Programmable on 2	Key activated on 1 Programmable on 2,3,4
<b>RELATIVE REFERENCE</b>	as above	as above	as above
<b>HOLD</b>	as above	as above	as above
<b>COMPARATIVE MODE</b>	as above	as above	as above
<b>TREND</b>	as above	as above	as above
<b>SERIAL OUTPUT</b>	DT110 only	DT130 only	DT150 only
<b>OPTIONS</b>	carrying cases and AC adaptors are available for all units including a full line of thermocouple probes.		
	PR110	-GENERAL PURPOSE PROBE	
	PR120	-PENETRATION PROBE	
	PR130	-SPOT TIP PROBE	
	PR140	-AIR/GAS PROBE	
	PR150	-SURFACE PROBE	



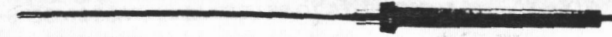
CC100 -CARRYING CASE



PS100 -AC ADAPTOR, SA AND UL APPROVED



PR110 -GENERAL PURPOSE PROBE



PR120 -PENETRATION PROBE



PR130 -SPOT TIP PROBE



PR140 -AIR/GAS PROBE



PR150 -SURFACE PROBE

PR160 -SURFACE PROBE BENT

DT100MAN -SPARE MANUAL FDT DT100  
(NORMALLY INCLUDED WITH THE UNIT)

# DAETRON DECADE BOXES

• These decade boxes offer the user a large variety of single, two, four, five, six and seven dial units.

They are accurate, extremely durable and will take a beating without loss of accuracy. They are ideal for school use.

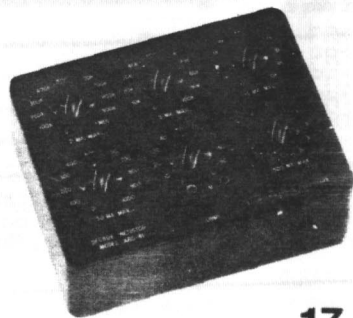
Special low resistance switches and high quality construction assure long life.

PART.	DIELECTRIC	DIALS	RANGE	STEPS	ACCURACY	RATINGS
RESISTANCE			IN OHMS	IN OHMS		
DR-15	WW	2	0 TO 110	1.0	3%	0.5 A TO 1.0 A
DR-23	WW	2	0 TO 11K	100	3%	0.05 A TO 0.1 A
DR-31	CD	2	0 TO 1.1M	10K	1%	2 mA TO 5 mA
DR-41	WW & MF	6	0 TO 1.1M	1.0	1%	2 TO 500 mA
DR-51	WW & MF	6	0 TO 1.1M	1.0	0.5%	2 TO 500 mA
DR-55	WW & MF	6	0 TO 11.11M	10	0.1%	2 TO 500 mA
DR-61	WW & MF	7	0 TO 11.11M	1	1%	2 TO 500 mA
DR-71	WW & MF	7	0 TO 11.11M	1	0.5%	2 TO 500 mA

THE FOLLOWING HAVE AN EXTRA BINDING POST BROUGHT TO THE FRONT PANEL EFFECTIVELY ALLOWING THESE BOXES TO BE USED AS VOLTAGE DIVIDERS

PART NO.	DIELECTRIC	DIALS	RANGE	STEPS	ACC	RATINGS
RESISTANCE			IN OHMS	IN OHMS		
DR-15T	WW	2	0 TO 110	1.0	3%	0.5 A TO 1.0 A
DR-23T	WW	2	0 TO 11K	100	3%	0.05 A TO 0.1 A
DR-31T	CD	2	0 TO 1.1M	10K	1%	2 mA TO 5 mA
DR-41T	WW & MF	6	0 TO 1.1M	1.0	1%	2 TO 500 mA
DR-51T	WW & MF	6	0 TO 1.1M	1.0	0.5%	2 TO 500 mA
DR-55T	WW & MF	6	0 TO 11.11M	10	0.1%	2 TO 500 mA
DR-61T	WW & MF	7	0 TO 11.11M	1	1%	2 TO 500 mA
DR-71T	WW & MF	7	0 TO 11.11M	1	0.5%	2 TO 500 mA

"WE CAN CUSTOMIZE YOUR DECADE NEEDS"



L x W x H  
6 3/4 x 5 1/4 x 2 3/8

17

PART NO. DIELECTRIC DIALS RANGE STEPS ACCURACY RATINGS

## CAPACITANCE

DC-13	MICA	2	0 TO .011 uF	10 pF	1%	600 vdc 220 vac
DC-23	MICA	2	0 TO 1.1 uF	0.01 uF	1%	600 vdc 220 vac
DC-33	M Y W	1	0 TO 10.0 uF	1.0 uF	1%	800 vdc 220 vac
DC-43	MYLAP	2	0 TO .0011 uF	10 pF	170	800 vdc 220 vac
DC-53	MYLAR	5	0 TO 1.1 uF	10 pF	1%	800 vdc 220 vac

## INDUCTANCE

DL-12	TOROIDAL	1	0 TO 10 mH	1.0 mH	2%	250 maDC
DL-22	TOROIDAL	1	0 TO 100 mH	10.0 mH	2%	79 maDC
DL-32	TOROIDAL	1	0 TO 1.0 H	100.0 mH	2%	25 maDC
DL-42	TOROIDAL	1	0 TO 10.0 H	1.0 H	2%	8 maDC

## NOTE: ADDITIONAL INFORMATION ON INDUCTANCE DECADES

PART NO.	OPERATING RANGE-CPS	AVERAGE Q 1kc 4.5kc	MAXIMUM CURRENT RATING
DL-12	400 TO 20,000	40 75	700 mA
DL-22	400 TO 20,000	60 125	220 mA
DL-32	400 TO 20,000	60 125	70 mA
DL-42	400 TO 5,000	60 125	22 mA

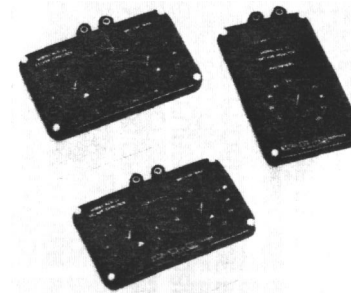


FIGURE A

L x W x H  
5 1/8 x 3 3/32 x 2 7/32

18

U.S. PRICE LIST

CC100	CARRYING CASE	22.95		
CC200	CARRYING CASE	34.95		
CC300	CARRYING CASE FOR MM300	44.95		
DT100	DIGITAL THERMOMETER	189.95	DR-15	RESISTANCE DECADE BOX 97.95
DT110	AS ABOVE BUT WITH RS232, ADD	34.95	DR-23	RESISTANCE DECADE BOX 95.95
DT120	DIGITAL THERMOMETER	224.95	DR-31	RESISTANCE DECADE BOX 101.95
DT130	AS ABOVE BUT WITH RS232, ADD	34.95	DR-41	RESISTANCE DECADE BOX 130.95
DT140	DIGITAL THERMOMETER	249.95	DR-51	RESISTANCE DECADE BOX 164.95
DT150	AS ABOVE BUT WITH RS232, ADD	34.95	DR-55	RESISTANCE DECADE BOX 249.95
MC200	DIGITAL CAPACITANCE METER	149.95	DR-61	RESISTANCE DECADE BOX 320.95
MC300	CAPACITANCE METER	189.95	DR-71	RESISTANCE DECADE BOX 369.95
MC300MAN	MC300 MANUAL	5.95	DC-13	CAPACITANCE DECADE BOX 91.95
MC400	COMPONENT ANALYSER	249.95	DC-23	CAPACITANCE DECADE BOX 109.95
MC400MAN	MC400 MANUAL	5.95	DC-33	CAPACITANCE DECADE BOX 127.95
MM100	4 IN 1 MULTIMETER	229.95	DC-43	CAPACITANCE DECADE BOX 95.95
MM100MAN	MM100 & MM300 MANUAL	6.95	DC-53	CAPACITANCE DECADE BOX 183.95
MM300	BENCH MULTIMETER	399.95	DL-12	INDUCTANCE DECADE BOX 138.95
PR110	GENERAL PURPOSE PROBE	69.95	DL-22	INDUCTANCE DECADE BOX 126.95
PR120	PENETRATION PROBE	89.95	DL-32	INDUCTANCE DECADE BOX 136.95
PR130	SPOT TIP PROBE	84.95	DL-42	INDUCTANCE DECADE BOX 142.95
PR140	AIR/GAS PROBE	84.95		
PR150	SURFACE PROBE	109.95		
PR160	SURFACE PROBE BENT	119.95		
PS100	AC ADAPTOR	10.95		
TL101	TEST LEAD	2.95		
TL102	TEST LEAD	5.90		
TL103	TEST LEAD	8.85		
TL110	PAIR OF TEST LEADS	12.95		
TL210	PAIR OF TEST LEADS	4.95		
TL220	SET OF 6 TEST LEADS	39.95		
TL221	TEST LEAD	6.95		
TL230	SET OF 6 TEST LEADS	39.95		
TL231	TEST LEAD	6.95		
		99.95		

The following boxes have an extra binding post allowing

	the decade box to be used as a voltage divider
DR-15T	RESISTANCE DECADE BOX 107.95
DR-23T	RESISTANCE DECADE BOX 105.95
DR-31T	RESISTANCE DECADE BOX 111.95
DR-41T	RESISTANCE DECADE BOX 140.95
DR-51T	RESISTANCE DECADE BOX 174.95
DR-55T	RESISTANCE DECADE BOX 259.95
DR-61T	RESISTANCE DECADE BOX 330.95
DR-71T	RESISTANCE DECADE BOX 379.95

MM200 VERSATILE MULTIMETER \$259.95

CANADIAN PRICES

DR-15	RESISTANCE DECADE BOX	129.95	CC100	CARRYING CASE	24.95
DR-23	RESISTANCE DECADE BOX	125.95	CC200	CARRYING CASE FOR MM100/200	34.95
DR-31	RESISTANCE DECADE BOX	134.95	CC300	CARRYING CASE FOR MM300	49.95
DR-41	RESISTANCE DECADE BOX	169.95	DT100	DIGITAL THERMOMETER	229.95
DR-51	RESISTANCE DECADE BOX	214.95	DT110	AS ABOVE BUT WITH RS232,ADD	39.95
DR-55	RESISTANCE DECADE BOX	269.95	DT120	DIGITAL THERMOMETER	264.95
DR-61	RESISTANCE DECADE BOX	449.95	DT130	AS ABOVE BUT WITH RS232,ADD	39.95
DR-71	RESISTANCE DECADE BOX	509.95	DT140	DIGITAL THERMOMETER	299.95
			DT150	AS ABOVE BUT WITH RS232,ADD	39.95
DC-13	CAPACITANCE DECADE BOX	119.95	MC200	CAPACITANCE METER	149.95
DC-23	CAPACITANCE DECADE BOX	142.83	MC300	CAPACITANCE METER	199.95
DC-33	CAPACITANCE DECADE BOX	169.95	MC300MAN	MC300 MANUAL	5.95
DC-43	CAPACITANCE DECADE BOX	125.95	MC400	COMPONENT ANALYSER	269.95
DC-53	CAPACITANCE DECADE BOX	252.95	MC400MAN	MC400 MANUAL	5.95
			MM100	4 IN 1 MULTIMETER	249.95
DL-12	INDUCTANCE DECADE BOX	185.95	MM100MAN	MM100,200 OR MM300 MANUAL	6.95
DL-22	INDUCTANCE DECADE BOX	165.95	MM300	BENCH MULTIMETER	499.95
DL-32	INDUCTANCE DECADE BOX	179.95	PR110	GENERAL PURPOSE PROBE	89.95
DL-42	INDUCTANCE DECADE BOX	189.95	PR110M	PENETRATION PROBE	109.95
			PR130	SPOT TIP PROBE	104.95
			PR140	AIR/GAS PROBE	104.95
			PR150	SURFACE PROBE	129.95
			PR160	SURFACE PROBE BENT	139.95
			PS100	AC ADAPTOR	11.95
			TL101	TEST LEAD	2.95
			TL102	TEST LEAD	5.90
			TL103	TEST LEAD	8.85
			TL110	PAIR OF TEST LEADS	12.95
			TL210	PAIR OF TEST LEADS	4.95
			TL220	SET OF 6 TEST LEADS	39.95
			TL221	TEST LEAD	6.95
			TL230	SET OF 6 TEST LEADS	39.95
			TL231	TEST LEAD	6.95

The following boxes have an extra binding post allowing the decade box to be used as a voltage divider

DR-15T	RESISTANCE DECADE BOX	141.95
DR-23T	RESISTANCE DECADE BOX	137.95
DR-31T	RESISTANCE DECADE BOX	146.95
DR-41T	RESISTANCE DECADE BOX	181.95
DR-51T	RESISTANCE DECADE BOX	226.95
DR-55T	RESISTANCE DECADE BOX	281.95
DR-61T	RESISTANCE DECADE BOX	461.95
DR-71T	RESISTANCE DECADE BOX	521.95

MM200 VERSATILE MULTIMETER \$299.95

# DAETRON ORDER FORM

935 THE QUEENSWAY, BOX 641  
 TORONTO ONT. CANADA M6Z 5Y9 (416) 676 1600

NAME \_\_\_\_\_  
 ADDRESS \_\_\_\_\_  
 CITY \_\_\_\_\_  
 STATE / PROV. \_\_\_\_\_ POSTAL / ZIP CODE \_\_\_\_\_  
 TELEPHONE NUMBER \_\_\_\_\_

To help serve you better, please try to use this original order form with the address label on the other side. Thank you.

NOTE: For credit card customers please allow us to ship to the address the credit card is registered in. Thank You.

Model No.	Description	Unit Price	QTY	AMOUNT
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				

### METHOD OF PAYMENT

CHECK  MONEY ORDER  VISA  MASTERCARD   
 WE NEED YOUR TELEPHONE NO. FOR CREDIT CARD CUSTOMERS \_\_\_\_\_  
 CREDIT CARD NO. \_\_\_\_\_  
 EXPIRY DATE \_\_\_\_\_  
 CREDIT CARD BANK \_\_\_\_\_  
 NAME AS SHOWN ON CARD \_\_\_\_\_  
 SIGNATURE \_\_\_\_\_

SUB TOTAL	
Shipping add 4% min. \$5.00	
Ont. Residents add 8% sales tax	
TOTAL	

