



# Sample Core IP Tester (SCIP)



Visit [www.gdd.ca](http://www.gdd.ca)



Get the information that you need to design an appropriate geophysical survey! **SCIP** is an innovative way to measure electrical properties of drill cores, hand samples or outcrops. Provides real time feedback. Relates DDH cores to resistivity and IP survey results. Allows constraining geophysical inversions.

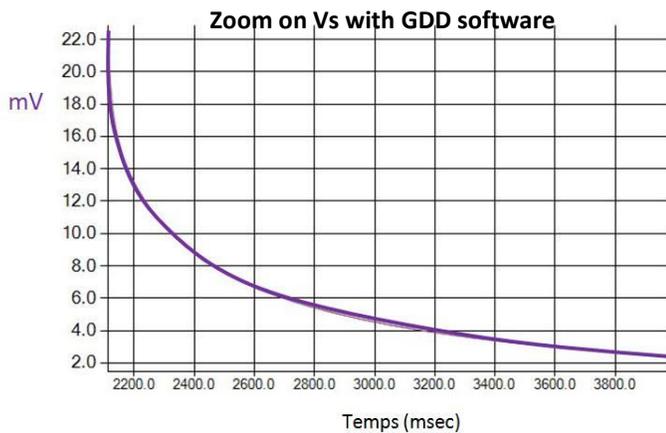


SPECIFICATIONS	SCIP
WEIGHT (SCIP only / + Shipping Box)	1.6 kg / 8 kg
TOTAL DIMENSION	47 x 18 x 39 cm
PDA	Archer <sup>2</sup> (Juniper System inc.)

Canadian Manufacturer of Geophysical Instrumentation since 1976

## Features

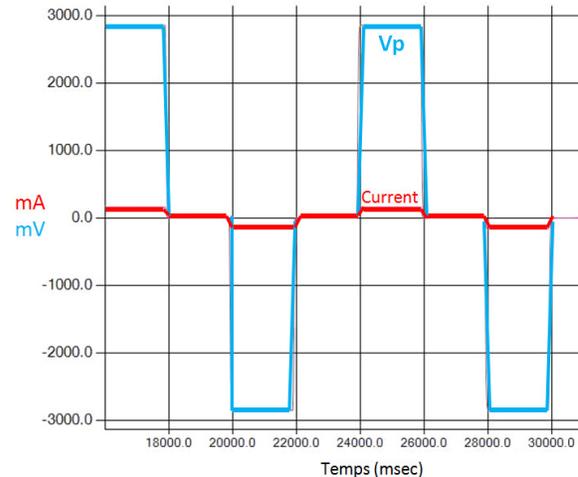
- Logs core properties in the state-of-the-art with the Archer<sup>2</sup> PDA;
- Easy to operate and inexpensive;
- Shock resistant, portable and environmentally sealed;
- Flexible: possible to use you own core holders;
- Transfers data to PC with a USB Cable;
- Wireless communication (Bluetooth) or a serial cable (RS-232);
- **Screen decay curve;**
- **Visualization of the signal (current I or Vp);**
- **Direct calculation of resistivity and chargeability;**
- **Fullwave data;**
- Includes the visualization fullwave software.



## Specifications:

- Resistivity and Time-Domain IP Measurement;
- Store over 100,000 readings (internal memory) or more on memory card;
- Twenty chargeability windows: arithmetic, logarithmic, semi-logarithmic and user defined;
- Noise reduction: signal stacking;
- Values read by the SCIP: Apparent resistivity, primary voltage, primary voltage error, current, chargeability and chargeability error;
- Temperature range: -30° to +60° C (-22° to +140°F);

### Visualization of fullwave with GDD software



## Electrical characteristics:

### Receiver

- Contact Resistance: up to 50M $\Omega$ ;
- Input impedance: 130M $\Omega$ ;
- Primary voltage: up to  $\pm 13$ V;
- Protection: 500V (on each channel);
- Differential input in dipole configuration;
- Filter: Eight-pole Bessel low-pass 15Hz  
Notch filter 50 Hz and 60 Hz;
- Voltage measurement: Resolution 1 $\mu$ V, Accuracy 0.2%;
- Current measurement: Resolution 1nA, Accuracy 0.2%;
- Chargeability measurement: Resolution 1 $\mu$ V/V, Accuracy 0.38%.

### PURCHASE

Can be shipped anywhere in the world.

### RENTAL

Starts on the day the instrument leaves our office in Québec to the day of its return to our office. 50% of the rental fee of the last 4 months of rental can be credited towards the purchase of the rented instrument.

### WARRANTY

All instruments are covered by one-year warranty. All repair will be done free of charge at our office in Québec, Canada. Transportation, taxes and duties are extra, if applicable.

### Transmitter

- Signal waveform: Time-Domain (ON+, OFF, ON-, OFF);
- Time Base: 0.5, 1, 2, 4, 8, 16, 32 and 128 seconds;
- Voltage mode (output selection): 3, 6, 9, 12 V;
- Current mode (output selection): 0.5, 5, 50, 500  $\mu$ A;
- Maximum Power: Voltage mode: 36 mW  
Current mode: 6.5 mW.

### SERVICE

If an instrument manufactured by GDD breaks down while under warranty or service contract, it will be replaced free of charge during repairs (upon request and subject to instrument availability).

### OTHER COSTS

Shipping, insurances, customs and taxes are extra if applicable.

### PAYMENT

Checks, credit cards, money transfer, etc.



860 boul. de la Chaudière, suite 200  
Québec (Québec), Canada G1X 4B7  
Tel. : +1(418) 877-4249  
Fax: +1(418) 877-4054  
Toll Free: +1-877-977-4249 (Canada)  
Web: [www.gdd.ca](http://www.gdd.ca)  
Email: [gdd@gdd.ca](mailto:gdd@gdd.ca)

Specifications subject to change without notice  
Printed in Québec, Canada, 2017