

Planetary Emissions Management Inc.
Radiocarbon Infrared Spectrometer (iRIS)
Reservation Agreement

This Radiocarbon Infrared Spectrometer (iRIS) Reservation Agreement ("Agreement") between You ("you"), and Planetary Emissions Management Inc. (PEM Inc.), a company incorporated under the laws of the state of Delaware with a registered office at 45 Prospect Street, Cambridge, MA 02139 ("we" "our" or "us"), is for your reservation with us of an iRIS analyzer and any additional components as indicated on the signature page (page 2) of this Agreement. The Reservation Agreement allows you to configure your iRIS and initiate production. Subsequent to completion of this Reservation Agreement you will receive a link to your Order and Purchase Agreement to be finalized upon production of your iRIS.

1.Reservation and Territory

You hereby confirm that you wish to reserve an iRIS with PEM Inc. and are at least 18 years of age and intend to take delivery of an iRIS in the United States or other country according to such laws as may pertain to the purchase of the iRIS.

2.Non-Binding Reservation Payment

The reservation payment for the iRIS base configuration is \$100.00 USD. In consideration of your signing and returning this Agreement to us, and upon receipt of the Reservation Payment (payable by check or electronic transfer in accordance with the payment instructions attached to this Agreement) for the iRIS you wish to reserve, we will, subject to paragraph 6 below, assign to you a reservation sequence position on our production line for an iRIS analyzer. PEM Inc. does not hold reservation payments separately or in an escrow or trust account, or pay interest on reservation payments, except to the extent required by applicable law. This Agreement does not constitute an agreement for the sale and supply of an iRIS. You are under no obligation to purchase an iRIS from us, and we are under no obligation to supply you with an iRIS. If and when we notify you of the availability of an iRIS and you wish to proceed with the purchase of the iRIS, such purchase will be governed by a separate and legally binding agreement ("Order and Purchase Agreement"). The Reservation Payment is fully refundable to you should you choose to abandon your reservation prior to entering into a Purchase Agreement.

3.Effective Date

This Agreement will be entered into and effective between you and us when we receive this Agreement signed by you (in person or via email, fax, or by common ground carrier (USPS, UPS, FedEx) in accordance with paragraph 9 below) together with the Reservation Payment. Upon the effective date, we will activate your reservation.

4.Order Process

As the start of production of your iRIS nears, we will ask you to confirm your option selections. We will also ask you to confirm where you will register and take delivery of the iRIS, and to provide full details of the legal purchaser of the iRIS. We will create an order for your iRIS detailing the information provided by you ("Order"), and a Purchase Agreement indicating the estimated purchase price of your iRIS, taking into account the base price of the model and any options included or that you select, plus any applicable taxes, transport and delivery charges, and any other applicable fees. We will then submit to you the Order and the Purchase Agreement. If you wish to proceed and purchase an iRIS, you must sign and return to us the Purchase Agreement (payment plans and financing are available – contact us for more information info@pem-carbon.com). We will then commence production of your iRIS and your Reservation Payment will be held as a non-refundable deposit and applied to our production costs, pursuant to the terms of the Purchase Agreement. Approximately six (6) weeks before your iRIS is ready for delivery, we will notify you that we will be requesting payment of the "Amount Due from Buyer" at delivery stated on the Purchase Agreement. We will not deliver the iRIS to you until we have received full payment in cleared funds from you.

5. Deferral

If you do not wish to enter into an Order and Purchase Agreement, you have the option to relinquish your reservation sequence position and defer to a later position to be determined by us (only one deferral is permitted). If you do not communicate your decision to us within ten (10) business days of notification under paragraph 4, you will automatically be granted such a deferral.

6. Priority

We will establish your reservation sequence position in our sole discretion. We may decline or delay reservations to avoid oversubscription or as we deem appropriate in our sole discretion. If your reservation is declined, you will be notified and your Reservation Payment will be refunded.

7. Your Details

From time to time we will ask you to provide to us information so that we can perform our obligations under this Agreement. We will treat all your personal information as confidential (although we reserve the right to disclose this information in the circumstances set out below). We will keep it securely and we will fully comply with our obligations under applicable data protection or privacy law. By reserving an iRIS, you are giving us your consent to use your personal information and the other information that you provide to us so that we and other affiliated PEM Inc. companies can process your reservation, conduct administration and prepare the Order and Purchase Agreement. We may transfer this information to other PEM group companies (but not to third parties) for these purposes. From time to time, we and other PEM companies may contact you by mail, telephone, email, text and fax in relation to your reservation of a iRIS and you agree that you will not consider any of the above as being a breach of any of your rights under any data privacy, data protection or privacy law. You can opt-out of receiving marketing information from us at any time; you may contact us for more information. However, we will still use your information in order to process your reservation. You have a right to ask for a copy of your information (for which we charge a small fee) and to correct any inaccuracies.

8. Limitation of Liability

We make no warranty of any kind in connection with this Agreement. Under no circumstances will we be held liable for incidental, special, punitive, or consequential damages of any kind (including lost profits) arising out of your reservation or this Agreement, even if we or our representative have been advised of the possibility of occurrences which would lead to such damages. In the event we are held liable for any damages related to your reservation or this Agreement, your sole and exclusive remedy will be limited to reimbursement of the Reservation Payment paid to us. You must bring any claim or action related to these matters against us within two (2) years of any act, event, condition or omission upon which your claim or action is based.

9. Execution, Governing Law and Jurisdiction

This Agreement can be validly executed in person, by email, fax or common ground carrier (USPS, UPS, FedEx). A signed copy of this Agreement will be deemed to have been properly received by us (i) twenty-four (24) hours after an email is sent, (ii) the next business day following the date of fax with proof of successful transmission, or (iii) upon receipt from a common ground carrier. This Agreement will be governed by Massachusetts law, and you and we both agree to the non-exclusive jurisdiction of the Massachusetts state and federal courts.

10. Draft of your Order and Purchase Agreement

Upon receipt of the Reservation Agreement and payment of the reservation fee we will send you a pre-acceptance draft of the Order and Purchase Agreement.



**Planetary Emissions Management Inc.
Radiocarbon Infrared Spectrometer (iRIS™) Reservation Agreement**

For your own benefit and protection, you should take care to read and understand these terms before signing them. If you do not understand any of the paragraphs or matters set out in this Agreement, please ask us to explain them before you sign.

The reservation payment for the iRIS is \$100.00 USD. Please print this Reservation Agreement, sign and complete the form, and e-mail, fax or mail it to us as instructed on page 3. Keep a signed copy for your files. PayPal, credit card or checks are accepted as forms of payment.

SIGNED and Agreed by You (acting as an Individual):

Signature: _____
Print Name: _____
Address: _____
Address 2: _____
E-mail: _____
Telephone: _____
Fax: _____

SIGNED by an authorized signatory for and on behalf of You (acting as a company or other entity):

Signature: _____
Print Name: _____
E-mail: _____
Telephone: _____
Fax: _____
Name of Company: _____
Address of Company: _____

Company Registration Number: _____
Company VAT No: _____

Documentation Instructions & Bank Account Details for PEM Inc Reservation Payment

1. Fax or email a signed copy of the Agreement to:
Fax: +1 866-815-3361
E-mail: info@pem-carbon.com

Mail the original signed copy of the Agreement to:
Planetary Emissions Management Inc.
45 Prospect Street
Cambridge, MA 02139 USA


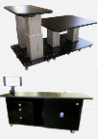
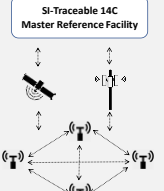


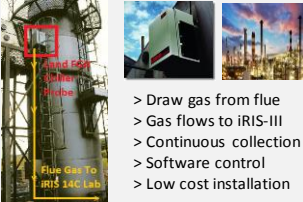



2. Payment - You must submit payment with Signed Reservation Agreement

PayPal Login or pay with credit card click: [Here](#).

Paste this link if the button does not redirect to PayPal:
https://www.paypal.com/cgi-bin/webscr?cmd=_s-xclick&hosted_button_id=2Q9C2GA93XAVW

Build Your Custom iRIS-III ¹⁴CO₂ Analyzer

Submit Build Request & Reserve Delivery Dates Q1-Q4 2020

 <p>Peripheral Analyzers *Note: Concept Image</p>	<ul style="list-style-type: none"> > iRIS-III bench set up > ¹⁴C analysis in under an hour > Low cost per sample > Precision < 1 % Fraction Modern (See Specification Sheet) > Seamless peripheral analyzer integration > SI-traceable internet linked ¹⁴C reference system  <p>IonBench Accessories</p>	 <p>SI-Traceable ¹⁴C Master Reference Facility</p>																																								
<p>Core iRIS-III Analyzer 12 Month Delivery, Reservation Required</p>	<p>Est. \$350,000</p>	<p>iRIS-III SI-¹⁴C Reference Monthly Subscription</p>																																								
 <ul style="list-style-type: none"> > Modified Envirotronics interface > Software controlled operation > Explosion proof > Field deployable 	 <ul style="list-style-type: none"> > Modified SIS 4" Cryo-Trap > Software controlled operation > Minimal liquid N₂ usage > Additional CO₂ trapping options available 	 <ul style="list-style-type: none"> > Draw gas from flue > Gas flows to iRIS-III > Continuous collection > Software control > Low cost installation 																																								
<p>iRIS Universal Gas Interface Request</p>	<p>Atm CO₂ Concentrator Request Continuous Flow</p>	<p>Flue-Gas Turn-Key Request ¹⁴C System</p>																																								
 <ul style="list-style-type: none"> > Automated ¹⁴C for bulk analysis > Solid or liquid organic materials > Integrated with the iRIS-III > Elemental data (C:N) provided 	 <ul style="list-style-type: none"> > ¹⁴C dissolved inorganic carbon (DIC), salt/fresh water > ¹⁴C dissolved organic carbon (DOC), fresh water > Automated operation > iRIS-III integration 	 <ul style="list-style-type: none"> > ¹⁴C solid carbonates > ¹⁴C dissolved inorganic carbon (DIC) > Fresh water samples > iRIS-III integrated, automated 																																								
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