



Build Your Custom iRIS-III ¹⁴C₂ Analyzer

Submit Build Request & Reserve Delivery Dates Q2-Q4 2021

<p>Peripheral Analyzers</p> <p>*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>
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<p>Core iRIS-III Analyzer 8-12 Month Delivery, Reservation Required</p>	<p>Introductory Pricing Available Inquire about lease and finance terms</p>	<p>iRIS-III SI-Traceable 14C Reference Monthly Subscription</p>
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<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
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<p>iRIS Universal Gas Interface Request</p>	<p>Atm CO2 Concentrator Request Continuous Flow</p>	<p>Flue-Gas Turn-Key Request 14C System</p>
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<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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<p>NC Tech. ECS 8020 Request Plus EA ID Micro IRMS (13C, 15N)</p>	<p>Aurora OI TOC Request DIC DOC</p>	<p>AutoMate FX Request DIC, Carbonates</p>
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iRIS-III CONFIGURATION COMPONENTS CHECK LIST	EST PRICE*	CHECK
1. (pem-iris-001, Model iRIS III) Base iRIS-III 14C Analyzer	Request	1 <input type="checkbox"/>
2. (pem-iris-002, Model SI-14C-R1) iRIS-III SI-14C Reference System Subscription Service (monthly)**	Request	1 <input type="checkbox"/>
3. (pem-iris-003, Model iUGI-003) iRIS-III Universal Gas Interface (Envirotronics)	Request	1 <input type="checkbox"/>
4. (pem-iris-004, Model P-3-ATM-1) PEM Atm CO2 Concentrator System (SIS Cryo-Trap)	Request	1 <input type="checkbox"/>
5. (pem-iris-005, Model FG-IRIS-001) iRIS-III Flue Gas Sample Biofuel Blend, Waste-to-Energy (Neutral Carbon)	Request	1 <input type="checkbox"/>
6. (pem-iris-006, Model P-4-AFX-a) Costech ECS 8020 CHNS-O Elemental Analyzer pneumatic autosampler, data acquisition software, consumables kits & spare parts EA ID Micro IRMS for C12/C13 and N14/N15 ratios determination	Request	1 <input type="checkbox"/>
7. (pem-iris-007, Model P-1-01 1030W0) Aurora OI 1080 TOC Analyzer	Request	1 <input type="checkbox"/>
8. (pem-iris-0008, Model P-4-AFX-1) AutoMate FX	Request	1 <input type="checkbox"/>
RESERVATION		1 \$100

* Prices subject to change, contact PEM, sales@pem-carbon.com, repeat this process for additional systems

* Reservation Agreement attached

* All peripheral analyzers can be purchased separately

** SI-14C Reference System Subscription required

TOTAL DUE WITH RESERVATION

\$100