



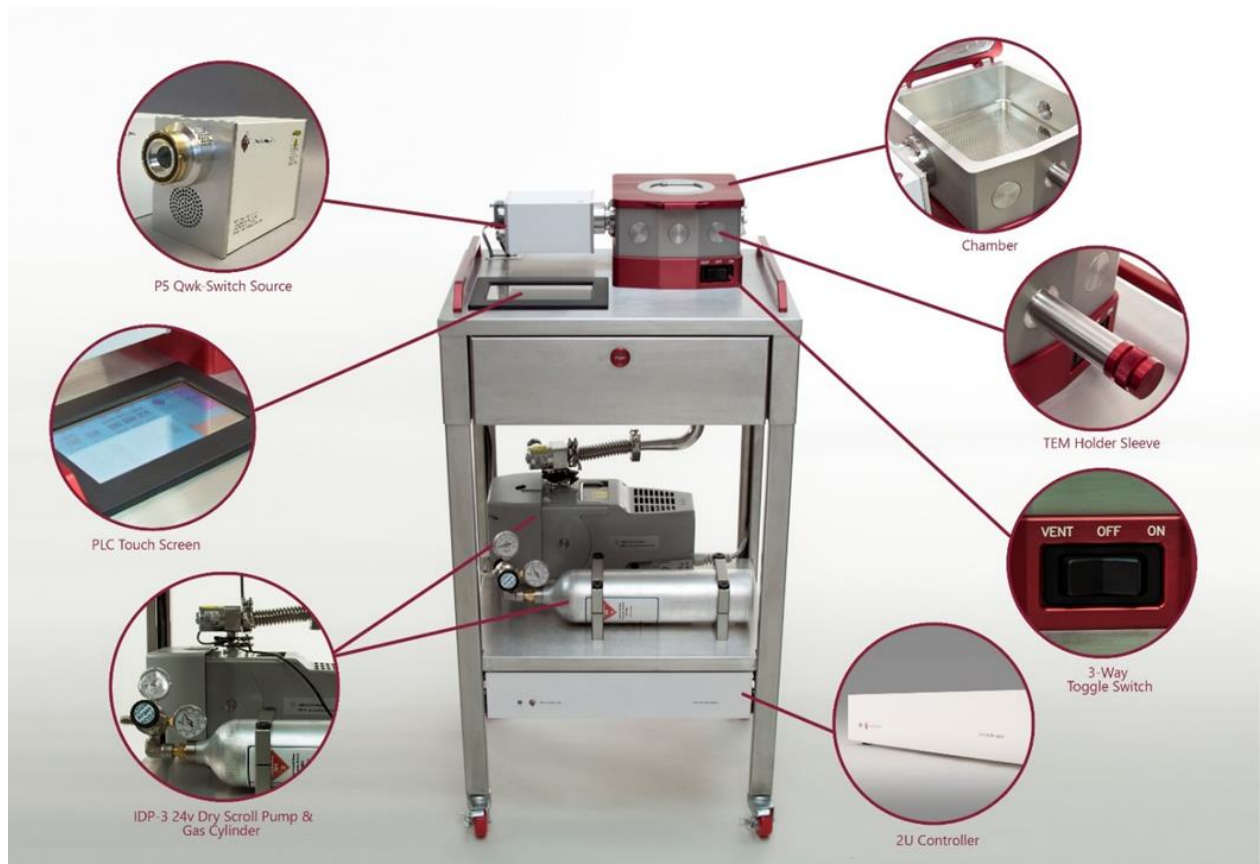
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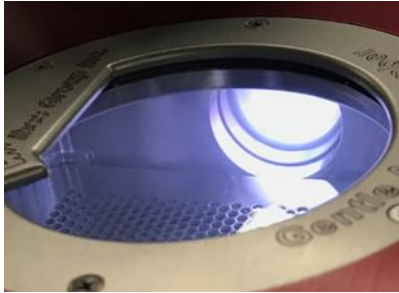
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Mobile Cubic Asher Specifications Sheet

The MCA plasma process is unlike 'plasma cleaning' typically used by electron microscopists. Radical downstream plasma cleaning is a chemical process to ash hydrocarbons delicately with virtually zero K.E. This process provides high resolution imaging at low landing energy.



Mobile Cubic Asher Specifications



¹ / ₈ " N ₂ vent
Up to 99 Watts at 13.56 MHz
Down to 70 mTorr
Shutoff leakage - 1E-8 Torr l/s, 1.3E-9 Pa-m ³ /s
Opto-isolated COM port for Windows OS
Up to 3 TEM Holders
3-Position toggle (Pump-Off-Vent)
7" Touchscreen Control Panel
Qwk-Switch™ Source mounting to transfer to SEM
100-230 VAC, 50/60 Hz, Power consumption 500VA at 50 Ohms
HxWxD 36 x 102 x 51 cm / 40" x 20" x 14"
Viewport Al chamber 7" x 7"
Weight 120lbs / 55 kg

GV10x Remote Control software v1.7

Set and monitor - cleaning Power & Duration
Close e-Gun Pop-up Warning
Pressure Trigger: Automates plasma ignition when Source's pirani reaches preset pressure
Stores up to 10 recipes simultaneously
Windows OS compatible

PN# Mobile Cubic Asher

MCA	Mobile Cubic Asher: <ul style="list-style-type: none"> • Chamber • GV10x Qwk-Switch™ DS Source • Controller • ibss Software • 60 l/m Scroll Pump w/ Shutoff Valve & MicroPirani
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TEM Holder Sleeves

J-CS	JEOL TEM Holder Sleeve & Plug
F-CS	FEI TEM Holder Sleeve & Plug
H-CS	Hitachi TEM Holder Sleeve & Plug

Optional SEM Cleaning Items

QSP	Qwk-Switch Spooler for SEM Chamber cleaning – One per SEM
MP	MicroPirani
GCR	500 psi Gas Cylinder & Regulator 14.25" x 3.53" Plasma Driving gas

¹ Identify SEM[s] port dimension to select correct spooler

Gentle Asher® & GV10x Asher® are ibss Group, Inc. Trademarks

Prices: FOB Burlingame, CA
 Terms: Net 30 Days
 Delivery: 4 weeks ARO
 Warranty: Three Year Limited

