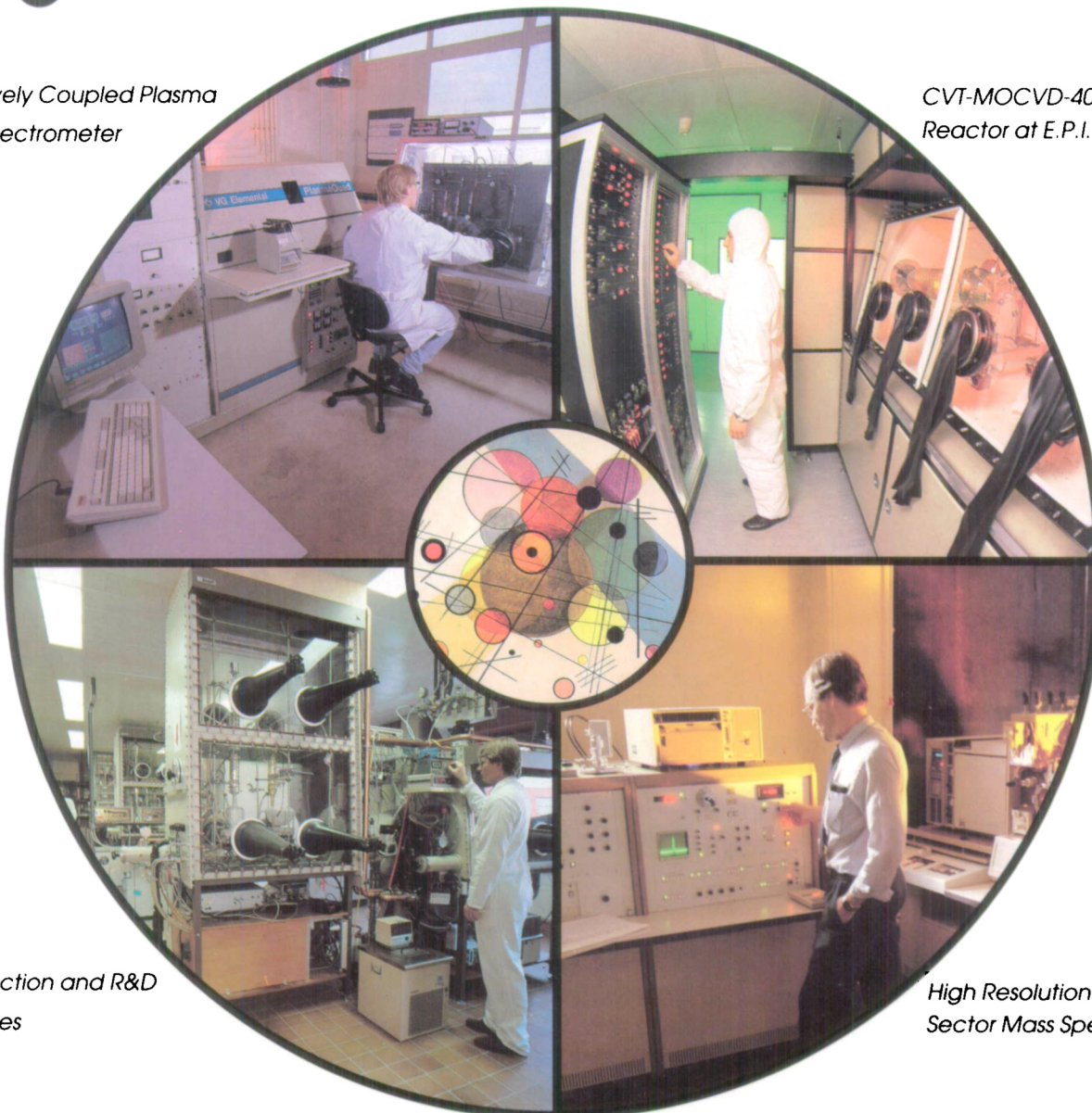


# Organometallics for Electronics

Inductively Coupled Plasma  
Mass Spectrometer

CVT-MOCVD-4000  
Reactor at E.P.I.



Production and R&D  
facilities

High Resolution Magnetic  
Sector Mass Spectrometer

Organometallics produced and analysed by Billiton Precursors B.V.\* are tested by Epitaxial Products International Ltd. and other institutions ensuring products of consistent high performance. Certificates of Analysis and Performance are supplied with each batch.

## Typical Precursor Performance

Precursor	Epitaxial layer grown	Temp. °C	Pressure, mbar	V/III	n(300K)	μ(300K)	μ(77K)
TMGa	GaAs	650	100	110	7e13(C-V)	8900	155,000
TMIIn	InP	650	200	270	3e14(C-V)	4600	120,000
TMAI*	Al <sub>0.25</sub> Ga <sub>0.75</sub> As	760	950	50	2e15(Hall)	3200	6,500

\* FWHM (5K) of Bound Exciton: (Al<sub>0.10</sub>Ga<sub>0.90</sub>As) 4.0 meV; (Al<sub>0.25</sub>Ga<sub>0.75</sub>As) 4.5 meV



## Billiton Precursors B.V.

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