



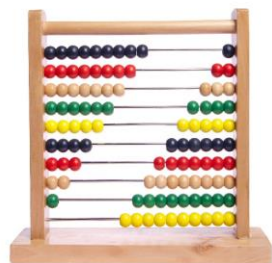
Agilent Technologies

INTUVO GAS CHROMATOGRAPHY

SOURCE HYDROINERTE

S. Decouflet





Counting got the Calculator



Music got MP3 players

Certain Products Transformed the Way We Live



Computing got the tablet



- Easier
- Faster
- Smaller
- Smarter

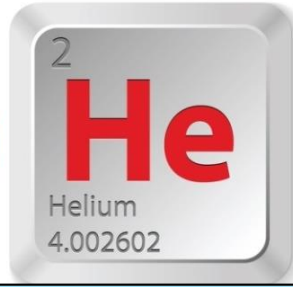
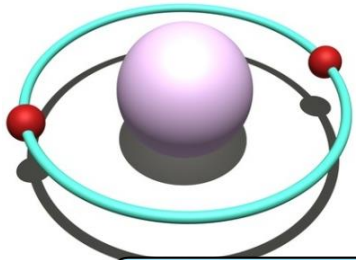


- **Greener**

Fast Direct Heating and Cooling

Reduced Power and Space Consumption





Problems...

- Helium is a finite mining resource
- Ancillary product of gas extraction sources
- Low stocks and declining supply

What does this involve?

- Interrupted supply
- The Impact:
 - Electronics industry
 - Medical testing
 - Scientific Research
 - GC & GCMS
- **cost....**

The worldwide helium shortage affects everything from MRIs to rockets — here's why

PUBLISHED FRI, JUN 21 2019 1:02 PM EDT

62,568 views | May 24, 2019, 01:56am

How The Helium Shortage Will Impact Your Healthcare



Bruce Y. Lee Senior Contributor @
Healthcare

I am a writer, journalist, professor, systems modeler, computational and digital health expert, avocado-eater, and entrepreneur, not always in that order.

Helium Shortage Forces A Search For New Sources

August 23, 2019 - 5:04 AM ET
Heard on [Morning Edition](#)



SARAH GONZALEZ

Detroit Free Press

Global helium shortage is a growing threat to graduation parties and scientific research

Frank Witsil | *Detroit Free Press*
Published 11:51 AM EDT May 8, 2019

Qatar Petroleum to raise LNG production, helium potential

By Nick Parkinson | 26 November 2019



Maintaining spectral fidelity in carrier gas Hydrogen



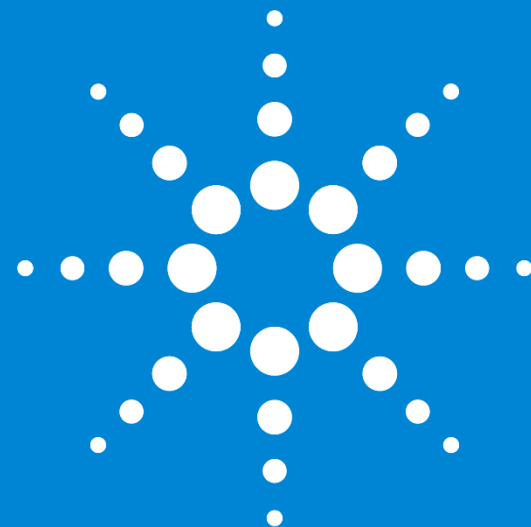
Available with 5977C GC/MSD & 7000E GC/TQ

- Avoid disturbances due to helium shortages
- Obtain good spectral fidelity and avoid undesirable reactions linked to Hydrogen in the source
- Take full advantage of hydrogen as a carrier gas, notably by reducing analysis times and improving chromatography.
- Work in complete safety thanks to the use of a hydrogen generator for maximum safety.
- Unchanged original parts and familiar assembly procedure



- 😊 Tailing 😊
- 😊 Bruit de fond 📄 😊
- 😊 Rapport S/B 📄 😊
- 😊 Spectres de masse 😊





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Trusted Answers