

Landmark innovations in space design



Home

Sofa bed

Sofa beds are a common fixture within cramped homes all over the globe today. Invented during the Great Depression when the space in small apartments was a premium, the modern sofa bed built upon innovations found in the 'folding bed' and the 'pivot bed', to create a sleeping space that is easily concealed when unoccupied.¹



City planning

Skyscraper

A very tall, space-saving building that allows for the expansion of habitable space in urban areas. Used for multi-purpose functions, skyscrapers are amazing feats of architecture and construction technology, which help cities combat growing demands for space.² The tallest skyscraper in the world is Burj Khalifa of 828 meters in Dubai, UAE.³



Entertainment

MP3 player

The invention of the MP3 player in Germany in the late-1990s set a new benchmark for music that can be taken on the move. No longer bound to physical records, cassettes or CDs, the wide-adoption of MP3 players revolutionised how we listen to music, where we listen to music and how we share music.⁴



Workplace

Virtual office

The movement towards 'remote working' whereby employees can digitally work and connect with one another outside of the office has transformed the modern workplace. Enabled by the evolution of digital communication apps, some studies credit remote working with creating rates of higher productivity and better work-life satisfaction.⁵



Laboratory

Ultivo Triple Quadrupole LC/MS

1 in 5 laboratory managers consider lab size/footprint to be a challenge affecting their laboratory performance. Of those, 75% believe space-saving designs of instruments can help overcome this challenge.⁶

Ultivo is an example of an Agilent instrument with a space-saving design; the instrument offers the same or better performance than many of the other LC/TQ MS on the market but has a footprint that is **70% smaller**.⁷

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4. Bellis, M. (2017). The History of MP3: Fraunhofer Gesellschaft and MP3. Thought Co. 19 April 2017. <https://www.thoughtco.com/history-of-mp4-1992132> [Accessed November 2017].

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6. Agilent Technologies. (2017). Global Lab Manager Survey.

7. Agilent Technologies. Ultivo Triple Quadrupole Mass Spectrometer Brochure 2017. Available at: <https://www.agilent.com/cs/library/brochures/5991-8146EN.pdf> [Accessed November 2017].