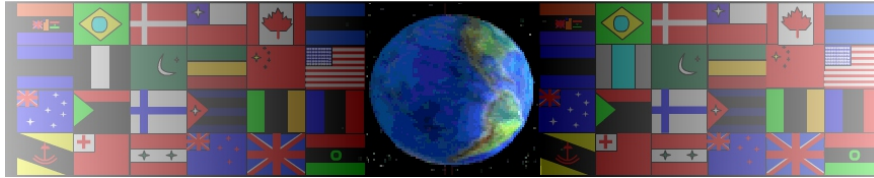


THE DIFFERENCE BETWEEN ANTHROPOMETRICS AND ERGONOMICS

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On behalf of The World Association of Technology Teachers

W.A.T.T.



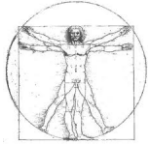
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THE DIFFERENCE BETWEEN ANTHROPOMETRICS AND ERGONOMICS

What is ANTHROPOMETRICS ?



The study of the human body and its movement.

The study of the human body and its movement, often involving research into measurements relating to people. It also involves collecting statistics or measurements relevant to the human body, called Anthropometric Data.

Courtesy of www.technologystudent.com

What is ERGONOMICS ?

The study of people and their relationship with the environment around them.

When anthropometric data (measurements / statistics) is applied to a product, e.g. measurements of the hand are used to design the shape and size of a handle, this is ergonomics.



Courtesy of www.technologystudent.com

ANTHROPOMETRICS APPLIED TO AN HAIR DRYER

15.



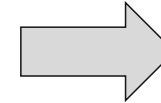
Anthropometric data (measurements) are used to determine the shape of handle and distance to be held from head. Designed for average size hand. The length of lead is determined from anthropometric data (length of average arms and average height of users). The hair dryer is now ergonomically designed.

Courtesy of www.technologystudent.com

**ANTHROPOMETRICS
MEASUREMENTS GATHERED
STATICALLY RECORDED SIZES
AVERAGE MEASUREMENTS DETERMINED**



**ERGONOMICS
ANTHROPOMETRIC
MEASUREMENTS / STATISTICS
USED IN THE DESIGN OF A
PRODUCT**



**PRODUCT ERGONOMICALLY DESIGNED
AS A RESULT THE PRODUCT FITS THE
CUSTOMER
E.G.
COMFORTABLE HANDLE
COMFORTABLE CHAIR**

What is the definition of ANTHROPOMETRICS?

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What is the definition of ERGONOMICS?

How is anthropometric data used to produce an ergonomically designed hair dryer?