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Michele Gandini, Angela Giombelli. by R Brown et al. 2015 Cited by 117 What is a measuring instrument?. K.G. Reid, P.M. Olsen, F.S. Jull, A. Watkins. Characteristics As a scientific instrument, a measuring instrument can be thought of as a device or machine that takes some aspect of reality and transforms it into a numerical result. There are many different types of instruments used to measure something and a few different types of measuring instruments are used by scientists to measure things. A measuring instrument can be thought of as a microscope, ruler, or scale. For example, an optical microscope is a special type of measuring instrument that is used to visualize objects or change in objects. A scale is a measuring instrument that can be used to measure the weight of an object. Scales are also used to measure the amount of liquid, for example, the amount of water or syrup in a cup. The microscope is a type of measuring instrument that can be used to look at the very small parts of things. Scientists can look at the cells in a sample of tissue to see if there are any cancer cells. Using a microscope, they can look at the shape and size of the cell. Microscopes are used in hospitals and other areas to see what is going on in a person's body. The measuring instruments that scientists use to measure something can be large or small. A measuring instrument can be very simple like a ruler or it can be very complex like a microscope or an electronic device. A simple measuring instrument can be a straight edge like a ruler or a measuring cup. It can also be a more complicated instrument like a handheld electronic device. Types of instruments Classification of measuring instruments There are three different types of measuring instruments that scientists use to measure different

things. These instruments are used to measure energy, weight, and volume. These are the largest of the measuring instruments. The most important measurement of any type of measurement instrument is accuracy. Scientists use instruments that can measure the smallest and largest quantities of the quantities that they are measuring. Some of these measuring instruments are very complicated and use a lot of power to make the measurements, but they are also accurate. Another type of measuring instrument is the measuring instruments that do not need a lot of power. These measuring instruments are often called hand held instruments because you can use

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