Ever pinch your fingers using a Pull Tester's spring scale?

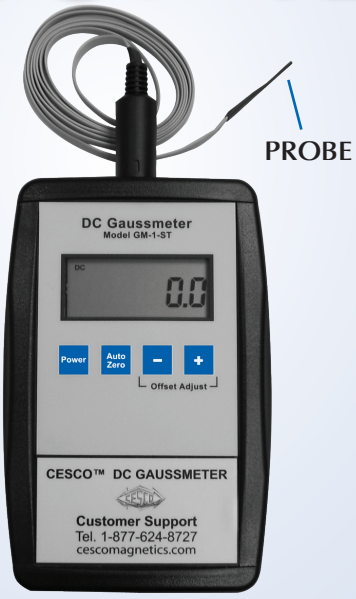
Ever tried using a Pull Tester in a tight access area?

Ever send the steel ball sailing across the room?

No such problems with the

GAUSSMETER

Shown 3/4 actual size



This simple instrument allows you to easily measure magnetic strength without any hassle. A new CESCO gaussmeter makes HACCP (Hazard Analysis Critical Control Points) compliance a snap. Place the probe at the maximum magnetism and read the meter. IT'S THAT EASY! It comes with everything you need: instructions, viewing paper that allows you to quickly locate the area of maximum magnetism, a replaceable 9V battery and a 48" flexible probe.

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PROVIDING PROCESSORS WITH QUALITY MAGNETIC SEPARATOR SOLUTIONS

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WHAT'S THE STRENGTH OF YOUR MAGNET?

HACCP requires your magnet's strength be verified. There are two ways to measure magnet strength: Measure your magnet with a pull tester or with a gaussmeter. When shipped, CESCO recorded every flat plate magnet's gauss reading going back 30 years or more. We recommend using a gaussmeter for its simplicity. A gaussmeter is an electronic instrument that measures the number of lines of magnetic flux emanating from a magnet. A gauss is the number of lines of magnetic flux per square centimeter. If the magnets in your unit have not been broken and have not been exposed to extreme temperatures, then current gauss measurements should closely approximate the original readings. If they are not exposed to any of these conditions, permanent magnets will lose magnetism on their own; however this degradation is very slow, on the order of one percentage point every ten years. You can use the following guidelines for gauss readings (newer magnets with the higher readings):

MAGTRAPS

Flat plate magnets (Models 104, 105, 120) w/ceramic magnets = 1400+ gauss

Flat plate magnets (Models 105, 115, 120, 125) w/rare earth magnets = 4500-7000 gauss

Finger magnets (Model 130) w/ceramic magnets = 1800 gauss

Finger magnets (Models 110, 130, 135, 135AS, 135EC, 135UF, 145, 170) w/rare earth magnets = 4000-12000 gauss

MAGNETIC PLATES

Magnetic Plate readings vary from 1000 gauss to 6500 gauss depending upon their size, arrangement and the magnetic materials used.

MAGNETIC GRATES

With ceramic magnets= 1800+ gauss

With rare earth magnets= 4000-12000 gauss

YOU CAN MEASURE YOUR MAGNET'S STRENGTH

Should you wish to do your own measuring, we offer an easy to use gaussmeter. To take a gauss reading, place the probe at the point of maximum magnetic strength, move it around slightly until you find the highest gauss reading. Record the reading and make note of the location on the magnetic unit where this measurement was taken to assist those who may take future measurements. It's that simple!

WE CAN MEASURE YOUR MAGNET'S STRENGTH

CESCO does not charge anything for taking gauss readings, you only pay for freight. We provide a certification sheet with the current gauss reading (and its initial gauss reading, if available). Upon request we can provide an analysis of the unit and indicate what might be done to provide longer operational life. You do not need to send the whole unit. Send only the magnetic element. Be sure to include your name and address as well as a note telling us what you would like done. Package the magnet securely. If the magnetic element is not separated from the walls of the carton, it can attach itself to conveyors, shelving, and anything made of steel.

WE CAN PROVIDE YOU WITH MAGNETIC INFORMATION

If you provide us with the serial number stamped on your CESCO unit, we will provide you its actual gauss reading at time of shipment or a close approximation.