



Dr. Raymond Annino stands by his pneumatic composition transmitter analyser

Annino Puts Energy Into Invention

by Jeff Sonier

Contributions to the advancement of technology are found in many places and at many levels. At Canisius College, Dr. Raymond Annino of the Chemistry Department is one of those contributors.

Dr. Annino, along with several colleagues, has developed the pneumatic composition transmitter analyser. Simply explained, this is a device which can look at a chemical operation and pick out or isolate on only one chemical product, although there may be many other similar

products. What makes Dr. Annino's invention unlike its predecessors is its power source — it operates pneumatically, rather than electrically.

Dr. Annino explains the importance of his discovery. "In the past, great care had to be taken in regard to safety. These instruments would be used in high risk areas — such as plants — where the electronic equipment presented a danger. Housing had to be built around them to protect the plants from the possibility of explosions."

Dr. Annino went on to say that his invention eliminated the risk of

explosions. "Because there is no electricity, the danger is minimized."

Dr. Annino also pointed out other advantages of his new development in the world of chemistry. "It's less expensive to operate and repair, and it decreases energy consumption. In short, it makes the device available to many more."

When Dr. Annino was asked when the discovery was first made, he responded, "The idea was first conceived in late Fall of 1967, when I was working for the Foxboro Company. Later we developed a working model, but the finished product wasn't ready for industry until this year."