



B.W. Pillsbury waiting on input from industry
and expects about 2 mos. for construction
of final machine. Will prob. need a -NDIR,
flasher manifold. ? Mechanical reliability
? Effect on "tar" and nicotine.

Loillard (Presn). Pills. discussed necessity of pressing
cell. hydraulic smoking system. Believe refinements
are necessary for reliable results. Data acquisition
system vague. Pills. est. \$53,000 commercial machine,
estd. avail in 6 mos, but thinks at least a year.

American. ? Flaming, cleaning of cell and stability,
manner of lig. lighting question, Pillsbury
considering propane burner, no written
procedure. Concerned about the way this
has developed, no coll. study, no literature
references. Concerned about mixing.
? May give paper at AARC or TSC
Unless neg. response from industry, could
have ready by end of year. (animals
to use 2 NDIR(1), 3.5, etc, 2, 4, 1, etc.)

L.M. Amount & composition of phumlin, pressing,
time inadequate for flat plates. Pills-
no change in methodology. Mock end of
year, data in 1977. L.M. Spels call.
work necessary

P.M. (Research) Eff. in mix tar, 1. Smoked convy. 2. Propane

- * 3. Thermistor, bad tar buildup, experim. exp. unsatisfactory.
- * 4. 3 cleaning puffs, concerned about loss of H_2O .

Mixing, dead vol, etc. ? partial puffs
Concerned about lighting for CO, Dept. new machine will offset mod'tn
Long time away