

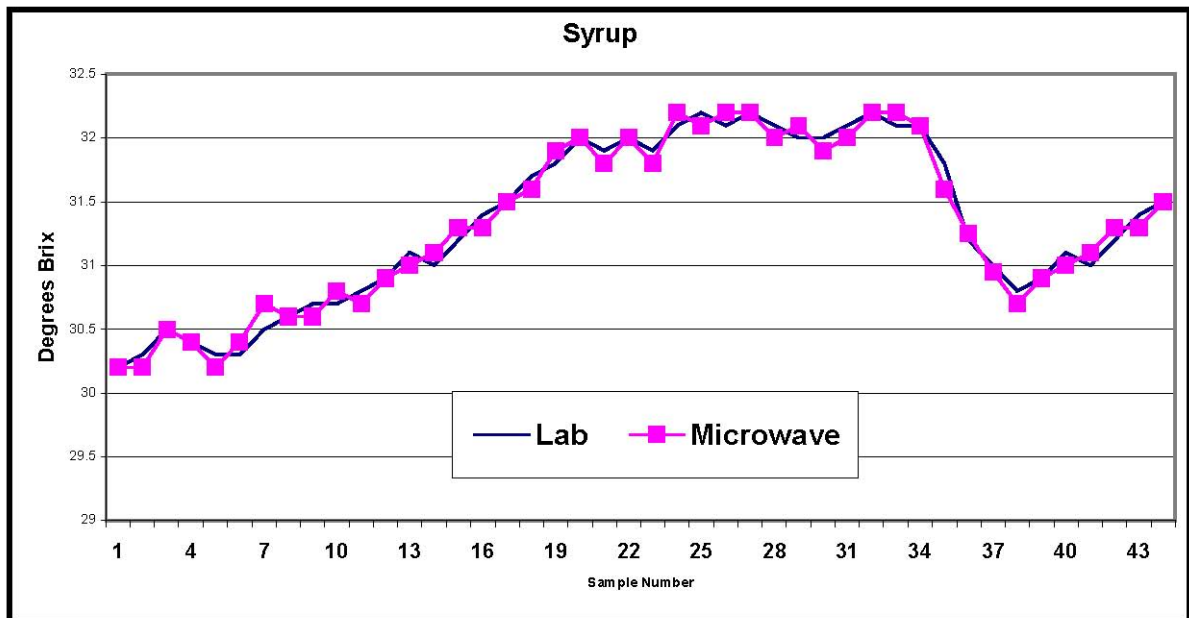
INDUSTRY: SOFT DRINKS (SYRUP)

APPLICATION: TO MONITOR AND CONTROL THE °BRIX OF A THICK SYRUP USED DURING THE MANUFACTURING PROCESS OF SODA.

HK INSTRUMENT: HK-1-M

TESTING: SAMPLES ARE COLLECTED FROM THE PIPE OR VESSEL AND ANALYZED IN THE LAB WITH A TEMPERATURE COMPENSATED REFRACTOMETER.

RESULTS: CORRELATION BETWEEN LAB SAMPLES AND MICROWAVE READINGS IS EXCELLENT.



CONCLUSIONS: THE HK-1 MICROWAVE INSTRUMENT SYSTEM IS AN EXCELLENT TOOL THAT CAN BE USED TO MONITOR AND CONTROL THE °BRIX OF ANY SOFT DRINK, JUICE, OR SYRUP. IT CAN EVEN BE USED TO IDENTIFY THE AMOUNT OF PULP IN A JUICE WHEN COMBINED WITH A REFRACTOMETER. THE SYSTEMS CAN BE USED IN:

- PIPELINES AND VESSELS
- BATCH OR CONTINUOUS SYSTEMS
- ANY BRIX LEVEL FROM 0-90%