

parisons on different days with different milks between this rapid method and the gravimetric method (in duplicate) as follows :

(a) Rapid centrifugal.....	2.7	per cent. fat.
Gravimetric (asbestos method).....	2.67	" " "
(b) Rapid centrifugal.....	3.6	" " "
Gravimetric (asbestos method).....	3.65	" " "
(c) Rapid centrifugal.....	4.3	" " "
Gravimetric (asbestos method).....	4.2	" " "
(d) Rapid centrifugal.....	3.85	" " "
Gravimetric (Adam's paper method)....	3.74	" " "

If the bottles are accurately graduated and the instructions are followed, I consider the method exceedingly satisfactory. It is especially useful in experimental work, in chemical laboratories, milk inspection in cities, and in connection with dairies, creameries and cheese factories. It has enabled us to accomplish a larger amount of analytical work than ever before, and is in daily use in our laboratory. Any one desirous of seeing the machines, their method of work, and of judging for themselves as to whether their use is practicable in their work, will be welcome at the chemical and dairy department of this institution. Their use by city health officers and food inspectors, by enterprising breeders of dairy cattle, and in experimental work where every pail of milk is to be analysed is to be strongly commended. With large creameries and cheese factories, the whole question turns on the amount of time required for the work, or the number of analyses to be made each week.

In conclusion I append, as showing the use to which the machine can be put, the average of one week's analyses of milk from six ordinary cows fed for experimental purposes.

Cow.	Average for one week of	
	Morning milk.	Evening milk.
No. 1.	3.25	3.96
No. 2.	2.76	4.00
No. 3.	3.18	4.33
No. 4.	3.42	4.45
No. 5.	2.75	4.18
No. 6.	2.63	3.70