

WATS ON

J38/1064

C

JUST A MATTER OF %

We seem to hear such a lot about "percentages" these days. The word is used for almost everything one can think of - from Tarrif barriers to target achievements and even to the amount of "go" in a particular petrol or your favourite drink - and you must never mix them, unless you wish to become just another small % of some ghastly medical statistic.

How useful is this word and its arithmetical equivalent? Let us take an example from the first paragraph of a letter recently sent to all representatives (with due respect to the writer) and "doctor" it a little. Perhaps it might have then read as follows:-

" I have only 1% faith in exhortations of the "nose to the grindstone, shoulders to the wheel" variety - any 100% intelligent man not already giving his job 100% effort is not going to be influenced by 99% eloquence and rhetoric. But I do believe 100% in keeping responsible members of the staff fully informed on the % state of the 100% target game, for encouragement when the news is 101%, to help re-direct their efforts when it is only 99%. A recent % review of our performance to the 50% - year mark gives me an opportunity of telling you something of how we are getting on % wise."

Silly isn't it? But how important it is to all of us!

Why not read that letter once again and think about that extra 2% we have to recover in the second half of this year. Just what does 2% mean to each of you in terms of effort and increased orders? It can be quickly calculated to mean something like an additional £1,100 over the six months or, in kind, one extra Zoom Stereo every month. This shouldn't be too difficult with the famous 15% extra on B. & L. and Zeiss instruments.

Let us know if we can help you in any way towards this 102% effort. Anyway let us make life 'hell' for the Works and their $8\frac{1}{2}\%$ production increase, until they scream at us to stop the orders pouring in - then pour a few more in on top.

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SERVICE 3 PHASE CONTRAST

Demonstration models of the above equipment are being forwarded to you within the next few days with, of course, the appropriate avalanche of paper work. Phase plates have been fitted to the 4 and 2mm. objectives, and each microscope is supplied with a built-in Bertrand lens. There would seem no reason why these instruments cannot be used for your standard demonstrations with or without Phase Contrast, but as the phase plates are not removable you should have available additional 4 and 2mm. objectives.

Will you please arrange to return to Barnet as soon as possible all other Service 3 demonstration instruments, particularly those with hammer finish, retaining only those objectives you may require for use with the new microscope. For your information, Phase Contrast equipment is possible with the 16mm. objective, but this will be to special order only for the time being and will cost approximately £12. 10. Od. including the cost of a phase plate and annular disc.

Re: ZOOM STEREO COMPARISON - J.34/964

It has now been confirmed that Zeiss propose to discontinue their Stereomicroscope II (Magnification Changer). This was quoted by a representative of the Zeiss Agents to the University of Leicester.

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We have recently extracted from "Hospital Building in England and Wales" and "Hospital Building in Scotland" details of new Pathological Laboratories set up in the last twelve months. The following is a list of these and they should be visited as soon as possible:-

Extract from "Hospital Buildings - England & Wales".

NEWCASTLE REGION

New Hospital for West Cumberland.
Phase 111 Main ward block, staff accomodation etc.

LEEDS REGION

Western General Hospital, Hull.
Developments.

Pontefract General Infirmary.
Developments-phase 1A
Developments-phase 11

St. Luke's Hospital, Huddersfield.
Developments.

St. James's Hospital, Leeds.
Pathology and central sterile supply departments.

Otley General Hospital.
New departments.

SHEFFIELD REGION

Doncaster Royal Infirmary.
New diagnostic block.

EAST ANGLIAN REGION

Peterborough Memorial Hospital.
New ward block and departments.

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Extract from "Hospital Buildings - England & Wales" (Continued)

N.W. METROPOLITAN REGION

Bedford General Hospital.
New departments.
Wexham Park, Slough.
New hospital.
Edgware General Hospital.
Pathology laboratory and extension to out-patient department.
Hillingdon Hospital.
Reconstruction.

N.E. METROPOLITAN REGION

Hackney Hospital.
Pathology laboratory.
Barking Hospital.
Development.
Harlow Hospital.
New hospital.

S.E. METROPOLITAN REGION

Medway Hospital, Gillingham.
Reconstruction - stage 1.
West Hill Hospital, Dartford.
New departments.

S.W. METROPOLITAN REGION

St. Stephen's Hospital, Chelsea.
Boiler house and plant.
Mayday Hospital, Thornton Heath.
Development - stage 1.

THE LONDON TEACHING HOSPITALS

The London Hospital.
Pathology department.
Charing Cross Hospital.
New hospital - Fulham site
Pilot building.
St. Thomas' Hospital.
Preparatory work on new hospital.
Rebuilding scheme - stage 1.

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"Hospital Buildings - England & Wales" (Continued)

OXFORD REGION

High Wycombe Hospital.
Development - stage 1A.
Development - stage 1B.

THE UNITED OXFORD HOSPITALS

Radcliffe Infirmary.
Anaesthetics, surgery and centeen block.

SOUTH WESTERN REGION

Truro Hospital.
New hospital - phase 1
Exe Vale Hospital, Wonford.
Pathology laboratory.

BIRMINGHAM REGION

Good Hope Hospital, Sutton Coldfield.
Pathological and physiotherapy block.

THE UNITED BIRMINGHAM HOSPITALS

Withington Hospital.
Adaptions for chronic sick accommodation.
Pathology laboratory.

WALES

Bronglais Hospital, Aberystwyth.
Development - stage 1.
St. David's Hospital, Cardiff.
Adaptions and improvements.
Llandough Hospital.
Pathology department.

Extract from "Hospital Building - Scotland".

Victoria Hospital, Kirkcaldy.
Second extension.

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DELIVERY SCHEDULE

BACTIL-60 (Standard Optics)	-	4 weeks
BACTIL-60 (Apo. optics or Phase accs.)	-	7 weeks
BACTIL	-	3 weeks
SERVICE 68	-	8-10 weeks
SERVICE 69	-	4 weeks
SERVICE 3 (292)	-	3 weeks
SERVICE 3 (293)	-	3 weeks
SERVICE 3 (1293)	-	12-14 weeks
STEREOS: 850 range	-	4 weeks
1050 range	-	4 weeks
Box Foot	-	4 weeks
Research	-	5 weeks
L.A.S.	-	4 weeks
Zoom	-	8 weeks
METALLURGICAL	-	4 weeks
MICROPROJECTOR	-	5 months
EYEPIECE CAMERA	-	3 weeks
LAND CAMERA	-	3-4 weeks
35mm. CAMERA ATTACHMENT	-	10-12 weeks
KONIMETER	-	14 weeks
W.I.S.E.	-	8 weeks
FLUORESCENT ILLUMINATOR	-	10 days
16mm. INTERFERENCE OBJECTIVE	-	6-8 weeks
8mm. INTERFERENCE OBJECTIVE	-	8 weeks

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EXTRACTS FROM RECENT ISSUES OF NATURE

Dr. J. Edelman has been appointed to the Chair of Botany at Queen Elizabeth College in the University of London. In recent years he has been working at Imperial College.

Dr. W. Schwabe has been appointed Professor of Horticulture at Wye College, University of London. This is a promotion, Dr. Schwabe having worked at Wye College for a number of years.

Phizer Limited is increasing its research facilities at Sandwich, Kent. The new building, costing £370,000, is planned to be complete by the end of next year, but this is only the first stage of a three stage programme.

Professor D.C. Sinclair who at present occupies the Chair of Anatomy in the University of Western Australia has been appointed to succeed Professor Lockhart to the Chair of Anatomy in the University of Aberdeen as from October 1st. It is not known as yet when Professor Sinclair will be able to take up this new appointment.

Dr. E.A. Bevan has been appointed to the Chair of Botany at Queen Mary College, University of London, in succession to Professor C.P. Wittingham who moves to Imperial College in October. Professor Bevan moves from Oxford.

Dr. Manfred Gordon has been appointed to the Chair of Physical Chemistry in the University of Strathclyde, Glasgow, and comes from Imperial College, London.

The Medical Research Council is to establish the following two new research units and three new research groups:- The Microbial Systematics Research Unit at the University of Leicester under the direction of Dr. P.H.A. Sneath. The Mineral Metabolism Research Unit in the University of Leeds under Dr. B.E.C. Nordin. The Research Group in Applied Microbiology at the Institute of Neurology, University of London, under Dr. J.B. Cavenagh. The Research Group in Chemical Respiratory Physiology at the Post-Graduate Medical School, University of London under Dr. J.B. West. The Research Group in Medical Demography at the Department of Medical Statistics and Epidemiology at the London School of Hygiene and Tropical Medicine under Mr. W. Brass.

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The Medical Research Council's plans to establish a Metabolic Reactions Research Unit under Professor E.B. Chain were announced in June, 1963. The Unit has now been set up in the Department of Bio-Chemistry at Imperial College, London.

Dr. K.L. Blaxter, at present head of the Nutrition Department, Hannah Dairy Research Institute, has been appointed to succeed Dr. Cuthbertson as director of the Rowett Research Institute.

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OCTOBER, 1964

T.S.M. No. 20

U.C.

SHORT COURSE ON MICROSCOPY

FOR LABORATORY TECHNICIANS

We are occasionally asked to arrange training facilities for microscopy for laboratory technicians. This can be an expensive and time consuming exercise when undertaken on an individual basis but we might very well consider arranging a two day course for a dozen or so technicians. Readers are asked to let us know of any medical, biological or industrial laboratory technicians who have asked for such facilities and also to let us have any suggestions for subject matter to be particularly emphasised in such a course. It could be a general course on microscopy or a specialised course on a particular aspect such as photomicrography or measurement. Students and professional users are trained, or should be, by technical colleges and universities but it is often felt that the manufacturers could provide specialist training for technicians.

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OCTOBER, 1964

T.S.M. No. 21

U.C.

ABSTRACT FROM A RECENT PUBLICATION

'Laboratory Practice' Vol.13 No. 9 Sept. 1964.

The Optical Microscope Today,
by Professor S. Tolansky, F.R.S. (Department of
Physics, Royal Holloway College, University of
London).

This is a review of the current microscope market with notes on British and foreign manufacturers products with an introduction by Professor Tolansky, in which he suggests that the important new developments in optical microscopy include long working distance objectives for hot and cold stage microscopy and phase contrast microscopes which partially trained laboratory assistants can use. He also suggests that microspectro photometers and fluorescence microscopes are "very profitable developments deserving wider application than is usually accorded). There are some seventeen illustrations of equipment included and the same edition includes an unusually high proportion of microscope advertisements.

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TO: The Editor,
"WATS ON",
Barnet.

30th October, 1964.

Dear Sir,

Microscopes in Advertising

In these days one often sees the microscope used, or rather, misused, in advertisements in the press and on television and it can provide much amusement to try to pick out faults which are so frequently displayed.

I recently took to task The Daily Mail about a weekly feature under the heading of MONDAY MICROSCOPE, a review of the Stock Market. In this there is a symbol showing an inclined microscope which is all wrong. I wrote to the City Editor, enclosing the appropriate illustration of a Service 3, and I was surprised to receive an acknowledgement, for I am sure that every newspaper is badgered by letters from other cranks, and I thought that mine would go straight into the w.p.b.

I enclose the correspondence, and I suggest that it might prove an amusing and, possibly, instructive pastime for others to look out for similar errors. Incidentally, as I included the name of the firm with the illustration, some slight publicity may have been gained.

Yours faithfully,

J.D. Casartelli

Letter from J.D.C. to The Daily Mail

23.10.64.

Dear Sir,

MONDAY MICROSCOPE

Your weekly article under the above heading is written under a symbol purporting to show an inclined microscope.

I have been connected with the microscope industry for the past 32 years, and this is my excuse for calling your attention to a gross error in your symbol. Doubtless, you intend your article to be an accurate, undistorted review of the market, yet the microscope as shown in the symbol would be incapable of giving anything but a most distorted

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view of anything. To be technical, but very briefly, the object on the stage of the microscope must lie at right angles to the axis of the objective lens of the microscope, but, in the symbol, the axis of the lens is shown at 45 degrees to the stage.

I attach an illustration of the instrument which I think you have in mind, taken from the catalogue of my late firm, W. Watson & Sons Ltd., of Barnet, Herts., and you will see the difference in the points which I have made.

Yours faithfully,

J.D. Casartelli

Letter from The Daily Mail to J.D.C.

26.10.64.

Dear Mr. Casartelli,

Thank you for your most interesting letter and the trouble you have taken in writing to me.

I am very sorry indeed for the error in our symbol whose inaccuracy I hope you will grant us on grounds of artistic license.

Yours sincerely,

Patrick Sergeant,
City Editor