

July 13th, 1932 Price 3d., post, 3½d  
 New Series. 39th year of issue

**WATKINS SPEED CARD.**

A table of group numbers compiled from our own tests for use only in setting the Watkins Meters. Not a statement of relative speeds.

Both exposure and development "speeds" are approximate information as guide for a trial.

Development speeds are indicated by code letters, the figures below being drams of two concentrated solutions in 3 ounces of complete Watkins Thermo Pyro-Soda Developer, for 6½ minutes at 60 deg. This applies to the Time Thermometer.

DEVELOPMENT SPEEDS.							
VVQ	VQ	Q	MQ	M	MS	S	VS
Drams 1	1½	1¾	2¼	3	4	5	6½

**W. H. McKAIG, Hereford.**

Printed in England.

Agfa Ultra Special	...	500	M
" Special Portrait	...	350	M
" Ex. Rapid	...	250	M
" Isorapid	...	250	M
" Chromo Isorapid	...	250	MQ
" Chromo	...	250	M
" Isolar	...	180	M
" Chromo Isolar	...	180	M
A.P.M. Studio	...	350	MS
" Ultra Rapid	...	350	M
" Special Rapid	...	180	M
" No Skrene	...	180	MQ
" Ordinary	...	90	MQ
Bauchet B.P.A. "D"	...	350	S
" " "DA"	...	350	S
" " "C"	...	250	S
" " "C" Anti Halo	...	250	S
" " "B"	...	130	MS
" " "A"	...	65	MS
Barnet Ultra Rapid	...	500	S
" Super Speed Ortho	...	500	MS
" Studio 500	...	350	S
" Press	...	350	VS
" Studio 400	...	250	MS
" Studio 400 Ortho	...	250	M
" Red Seal	...	250	MS
" Self Screen Ortho	...	350	M
" Special Rapid	...	130	MS
" Ordinary	...	65	M
Bishop's Excep. Rapid Ortho	...	500	S
" Special Rapid	...	250	S
" Non Screen Ortho	...	180	S
Criterion Enelite	...	350	VS
" Spec. Ex. Rap	...	180	S

Criterion Iso Ex. Rap.	...	180	M
" Portrait	...	180	MS
" Ex. Rap.	...	130	M
" Ordinary	...	65	M
" Iso Ordinary	...	65	MQ
Gem Salon Xpres	...	500	VS
" Salon XX	...	500	VS
" Salon Iso	...	500	S
" Gold Label	...	350	S
Gem Meteor	...	180	M
" Portrait	...	250	S
" Colour Screen	...	180	VQ
" Isochromatic	...	180	M
" Panchromatic Tricol	...	130	Q
" Universal	...	65	M
" Slow Universal	...	32	MQ
Gevaert Sensima	...	500	S
" " Orthochrome	...	500	M
" Spec. Sensitive	...	250	MQ
" Spec. Rapid	...	180	MQ
" Orthochromatic	...	180	MQ
" Filtered Ortho	...	250	MQ
" Ordinary	...	65	Q
Griffin's Press	...	250	VS
" Professional 375	...	250	VS
" " 250	...	180	MS
" " 125	...	90	M
" Gramme 250	...	180	MS
" " S. Ortho	...	180	MS
" Commercial	...	90	M
Ilford Zenith Sup. Sens.	...	500	MS
" Golden Iso-Zenith	...	500	MS
" Iso Zenith	...	500	MS
" Soft Grad. Pan.	...	500	S
" Zenith Ex. Sens.	...	350	MS

Ilford Monarch	...	350	S
" Press	...	350	S
" Spec. Rpd. Ex. Sens.	...	350	MS
" Special Rapid Panchromatic	...	350	Q
" Rapid Chromatic	...	250	MQ
" Auto Filter	...	250	MQ
" Spec. Rapid	...	180	M
" Screened Chromatic	...	180	MQ
" Chromatic	...	130	MQ
" Empress	...	90	Q
" Process Panchromatic	...	90	VVQ
" Ordinary	...	65	VQ
Illingworth Studio Ex. Fast	...	500	VS
" Super Fleet	...	500	S
" Fleet	...	350	M
" Ultra Rapid	...	350	MS
" Studio Fast	...	350	VS
" Ortho Studio Fast	...	350	M
" Ortho Fast	...	350	M
" High Rapidity	...	250	MQ
" Fast Panchromatic	...	250	Q
" Non Screen	...	180	VQ
" Special Rapid	...	180	MQ
" Medium	...	90	Q
" Ortho Medium	...	90	VQ
" Ordinary	...	65	VQ
" Panchromatic Process	...	65	VVQ
Imperial Eclipse	...	500	S
" " Soft	...	500	MS
" " Ortho	...	500	MS
" " Ortho Soft	...	500	MS
" Press SSS	...	500	S
" Press SS	...	350	S
" Flashlight	...	350	S
" Panchromatic "B"	...	350	VQ

Imperial Special Sensitive ...	250	M
"  "  Ortho ..	250	VQ
"  Special Rapid Ortho ..	180	MQ
"  Non Filter Ortho ..	180	VVQ
"  Special Rapid ..	180	Q
"  Panchromatic "A" ..	180	VVQ
"  Sovereign ..	130	Q
"  Ordinary ...	65	VVQ
"  Fine Grain Ordinary ...	45	VVQ
Lumiere Maxima ...	250	M
"  Portrait Instantanee ...	180	M
"  Grands Instantanee ..	180	MQ
"  Ortho Yellow & Green ..	180	Q
"  Ortho Yellow & Red ...	180	Q
"  Extra Rapide ...	130	MQ
"  Intensive ...	180	M
"  Panchromatic ...	180	VQ
"  Instantanee ...	130	MQ
"  Pelliculaire ...	130	MS
"  Reproduction ...	90	MQ
"  Panchromatic Procede ..	180	Q
Marion Iso Record ...	500	S
"  Record ...	500	VS
"  Panchromatic ...	250	MQ
"  Brilliant ...	250	MS
"  Iso. Sp. Rapid ...	180	M
"  Instantaneous ...	180	M
"  Ordinary ...	45	MQ
Mawson Gladiator ...	250	S
"  Felixi ...	180	S
"  Victory ...	180	S
"  Ortho A ...	130	MS
"  Panchromatic ...	130	VS
"  Castle ...	65	VS

N. & G and Nydia ...	180	S
"  "  Ortho ...	180	M
Novex Maximum Speed ...	350	S
"  Studio Ortho ...	350	MS
"  Extra Rapid ..	180	S
"  Orthochromatic ...	180	M
Nys Ultra Rapid ...	350	MS
"  Ortho ...	250	M
"  Ortho Anti Halo ...	250	M
"  Extra Rapid ...	180	MS
Paget Hurricane ...	500	S
"  Ex. Spec. Rapid ...	350	VS
"  Ex. Spec. Rap. Ortho. ...	350	MS
Paget Special Rapid ...	180	S
"  S. F. Orthochromatic ...	180	S
"  Panchromatic ...	130	M
"  XXX ...	130	MS
Rajar Super Speed ...	350	M
"  Ultra Rapid ...	250	M
"  Special Rapid ...	180	M
"  Iso ...	180	M
"  Iso N S. ...	180	M
"  Ordinary ...	65	Q
20th Century Fast ...	350	MS
"  Medium ...	180	VQ
Wellington Iso Wellington ...	500	S
"  Super Xtreme ...	500	VS
"  Studio Anti-Screen ...	500	MS
"  Xtreme.. ...	350	S
"  Press ...	500	S
"  Spectrum Pan. ...	350	VQ
"  Extra Speedy ...	250	MS
"  Anti-Screen ...	350	M
"  Iso Speedy ...	180	MS
"  Speedy Portrait ...	180	M

Wellington Ordinary ...	90	Q
"  Ortho Process ...	32	VVQ
"  Soft Grad. Pan. ...	500	MS

COLOUR SCREEN PLATES

Speed when used with maker's filter.

For Colour Plate Meter, also Bee Meter with bright light and large stop only.

Agfa Farben Platten ...	8
Autochrome ...	4
Lignose Film ...	8
Paget ...	11
Duplex ...	16

FILMS. "Roll," "Pack," "Block," and Autographic same speed.

A.P.M.

- Anso
- Agfa Isochrome 350
- Austin Edwards
- Bayer
- Butcher Carbine
- Criterion
- Ensign
- Gem
- Goerz Tenax
- Griffin
- Ilford
- Illingworth
- Imperial
- Kli-Cam
- Kodak Eastman Verichrome 350
- Pathe
- Plavic
- Rajar
- Selo Selochrome 350
- Wellington

All Roll  
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} 250 MS

(FILMS continued).

Ilford Zenith Sup. Sens. ...	500	S
"  Zenith Ex. Sens. ...	350	MS
"  Auto Filter ...	250	M
"  Special Rapid ...	180	M
"  Empress ...	90	Q
Imperial Ultra Excelsis ...	500	S
"  Fast ...	250	MS
Kodak Eastman Cut Film Sup. Speed ...	500	VS
Kodak Eastman Cut Film Par Speed ...	350	S
Kodak Eastman Cut Film Com'l. ...	180	M
Kodak Eastman Cut Film Com'l. Ortho ...	180	MQ
Kodak Eastman Cut Film Com'l. Pan. ...	250	Q
Kodak Eastman Cine Neg. ...	250	VS
Gavaert Cine ...	250	M
Pathe Cine ...	250	MS

We cannot give Lantern Plates (average 11) Process Plates (average 22) or Bromide Papers (4 to 24).

We no longer accept subscriptions for future issues, as it infers the impossible task of following each maker's batches.

We have **no information** other than that on the card.

The Exposure Speeds are **not** H. & D. Nos., and no ratio can be quoted to numbers marked on boxes, which **vary** in standard with each maker.