



Photo for The Union by John Hart

The Visoffice machine, now available at Grass Valley Eyecare, is the latest technology available in measuring corrective spectacle lenses. Office manager Dawn Ryley sits as Certified Optician Amber West gathers measurements from the machine's monitor.

GV Eyecare goes 3D

SUBMITTED TO THE UNION

Thursday, Aug. 4, was a busy day at Grass Valley Eyecare.

Being one of the 1,500 offices across the country selected to receive a new digital imaging machine, the set-up and training aspect proved to be a lengthy process.

“It was exciting having the trainers here on site to give us all the information and education we would need to navigate the equipment successfully,” said Dawn Ryley, office manager.

“But we remained open as learning on actual patients was what we were striving for. It was wonderful and our patients really liked being a part of our training, but it made for a very busy office.”

The Visoffice machine created by Essilor is the latest technology available in measuring corrective spectacle lenses.

In the past, measurements

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— DR. TANYA MARKIS-MEYER, Grass Valley Eyecare

have been taken manually and those manual measurements create an optical center used when making glasses.

The Visoffice takes it several steps further as it compiles “eye data” by calculating the real three dimensional position of each eye’s unique rotation center.

These breakthrough scientific measurements produce unparalleled precision visually as it is individual, customized for each patient.

It also takes into account

frame data, both material and dimensions and configures it based on the “eye data” it has collected.

In addition, it also compiles “behavior data”; natural posture, head cape and gaze directions, all of which are unique to each patient and impact the performance of corrective lenses.

This information is gathered and each patient’s formula is sent to the laboratories to create the best personalized digital lens possible.

“Simply put, this method outperforms all other measuring systems on the market today which to us boils down to only one very important fact, our patients will see better,” said Dr. Tanya Markis-Meyer, president and owner of Grass Valley Eyecare Optometric Inc.

“It has been a welcome addition to our office and we are grateful we have been one of the first offices across the country to receive this instrumental equipment.”